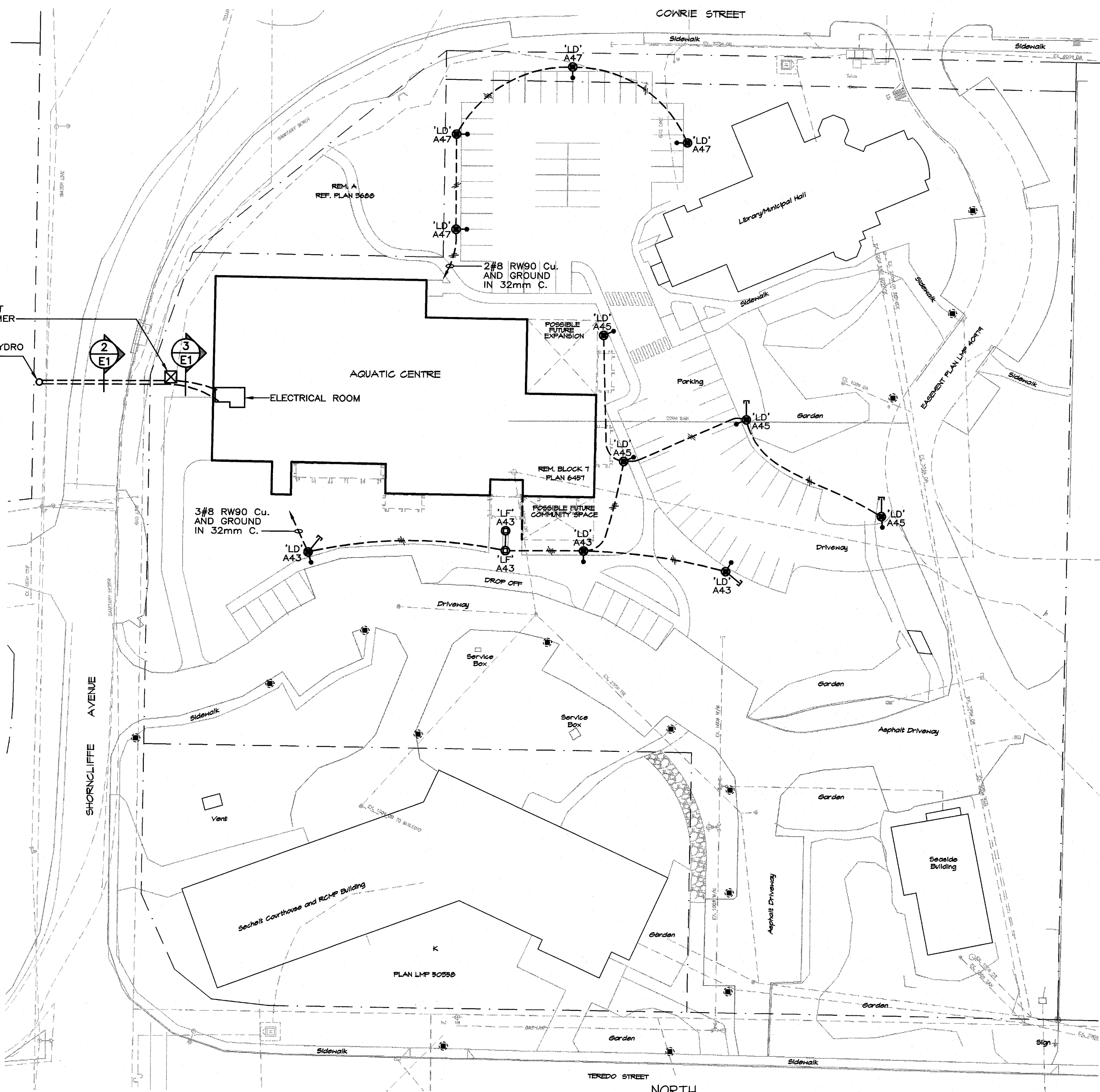
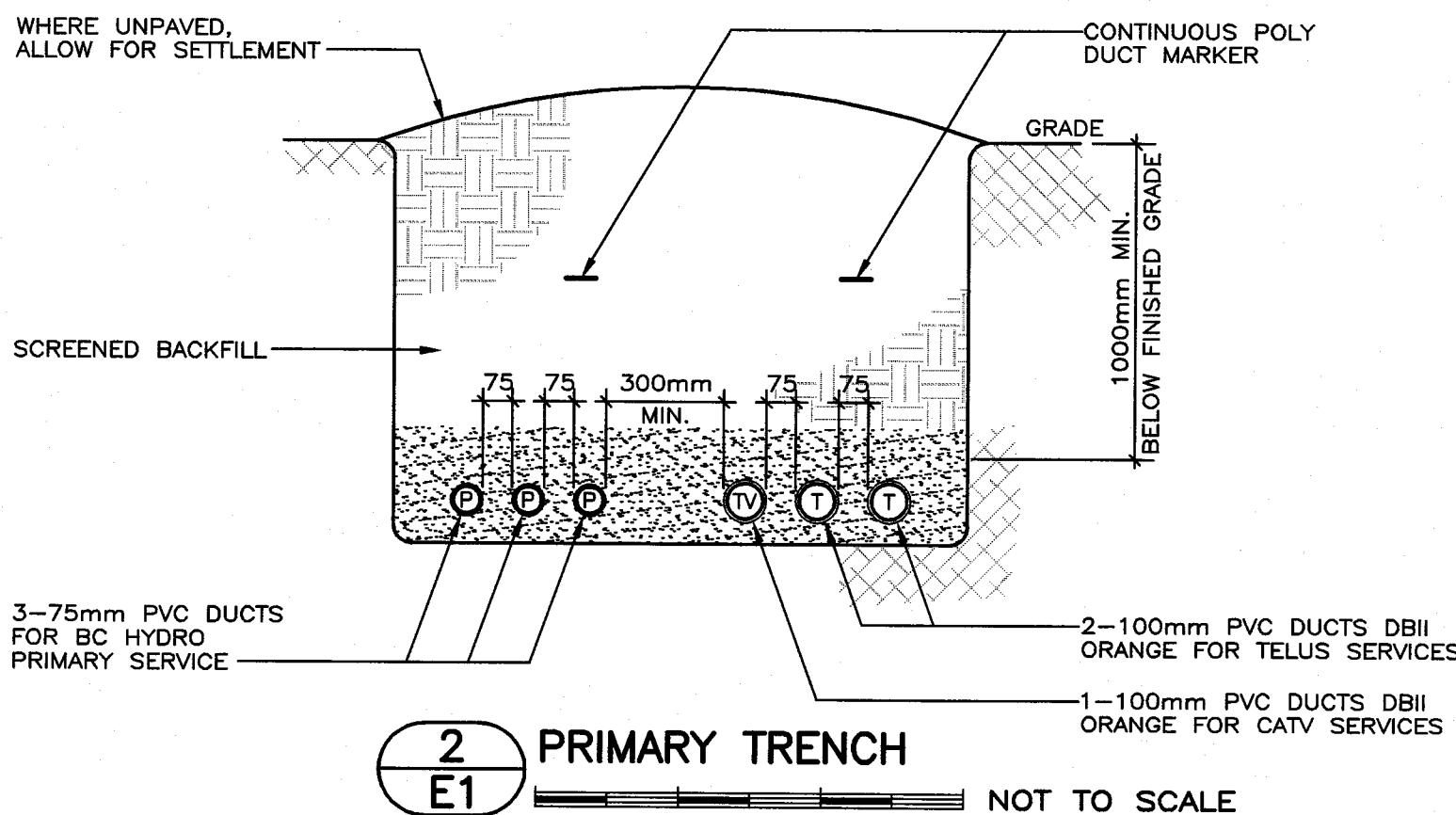
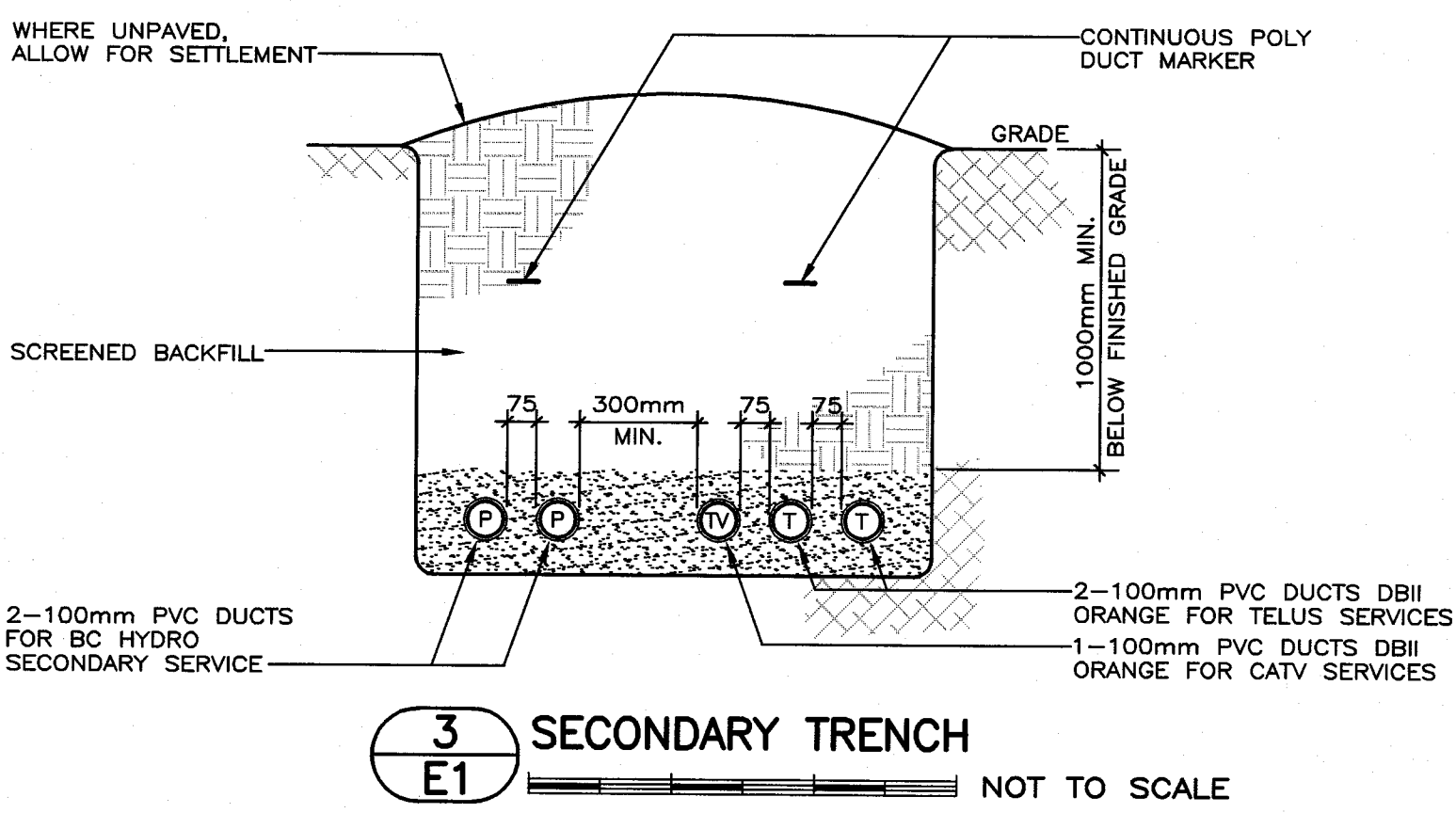




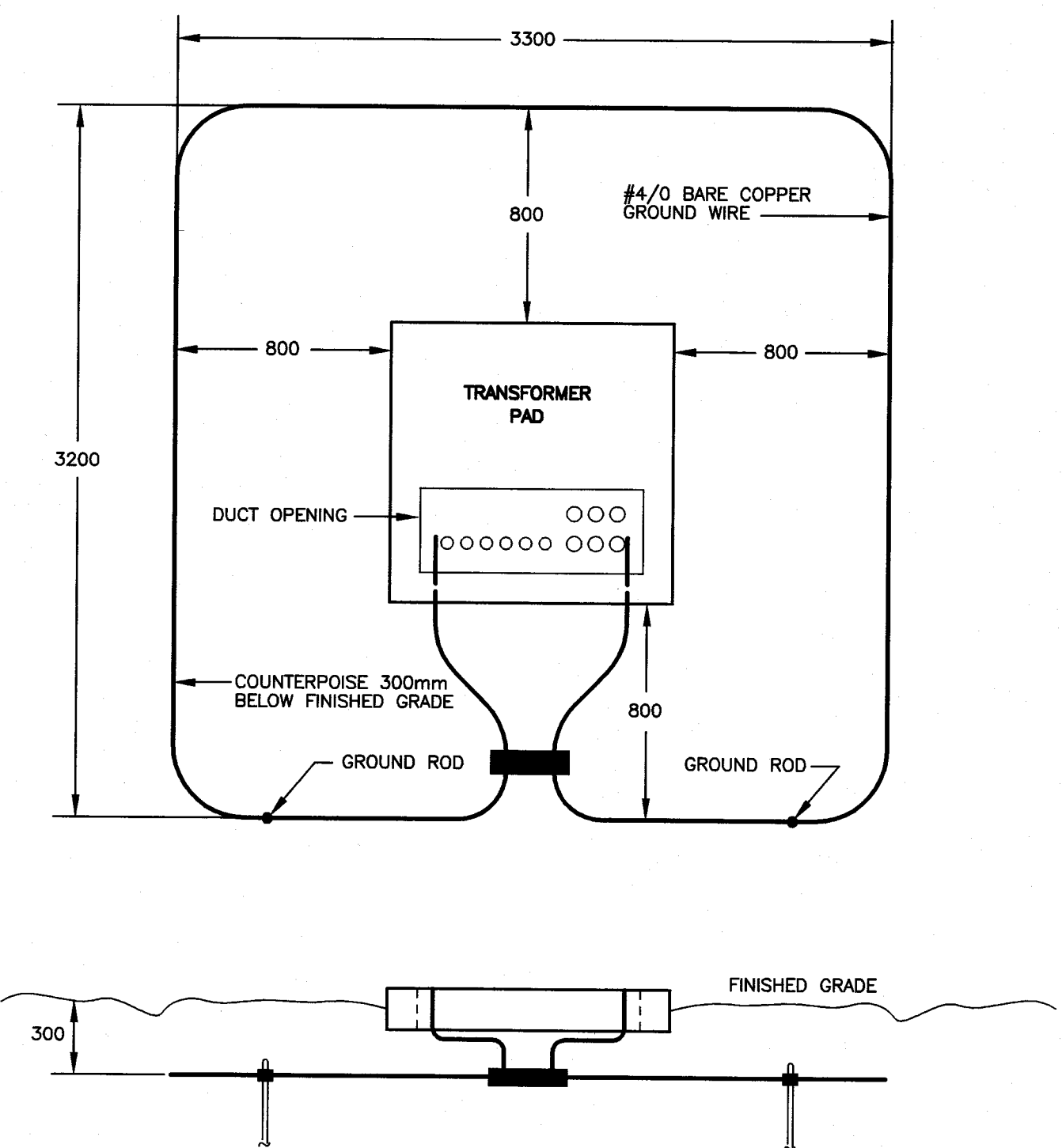
1 SITE PLAN -- ELECTRICAL
 1:500



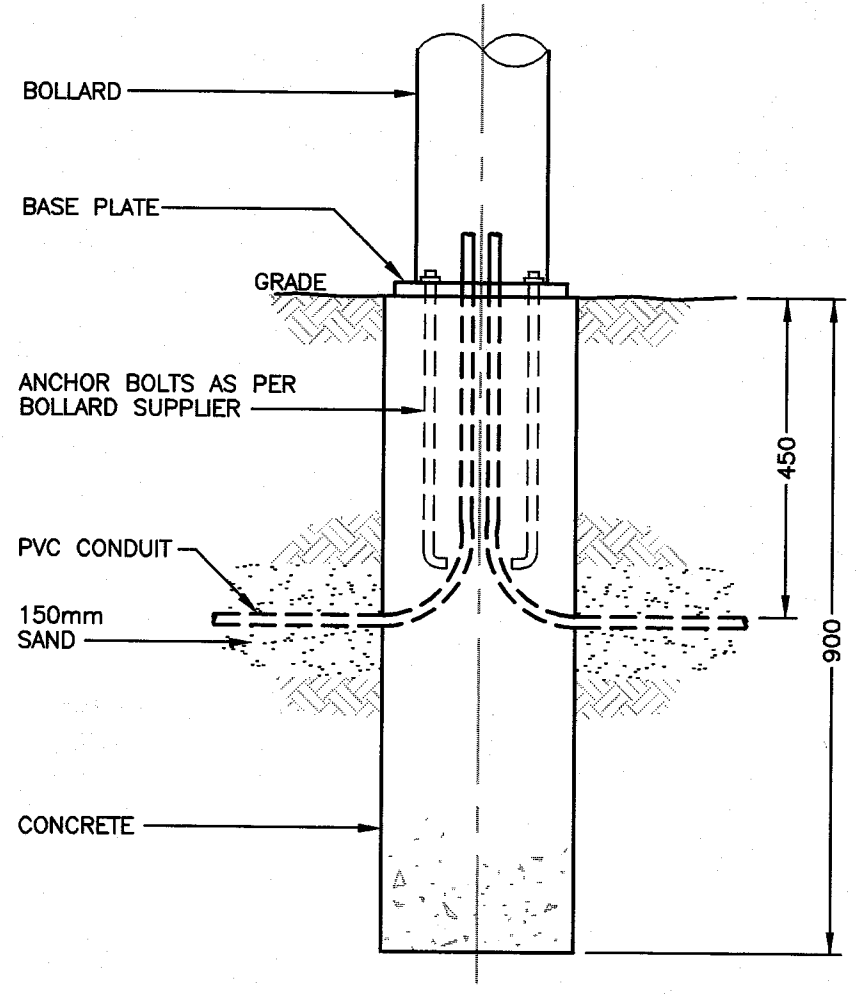
2 PRIMARY TRENCH
 NOT TO SCALE



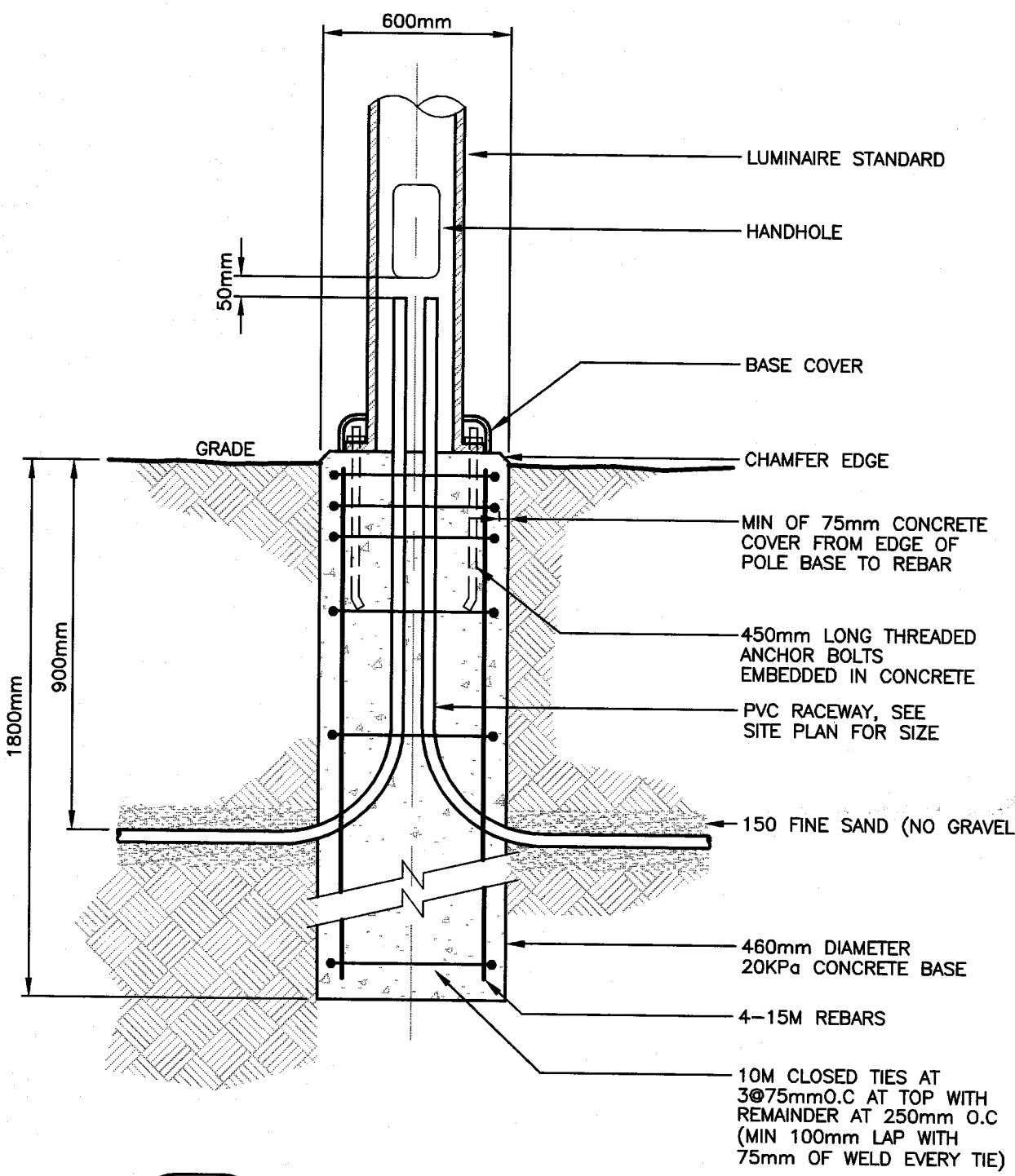
3 SECONDARY TRENCH
 NOT TO SCALE



4 TRANSFORMER PAD GROUNDING DETAIL
 NOT TO SCALE



5 BOLLARD BASE DETAIL
 NOT TO SCALE

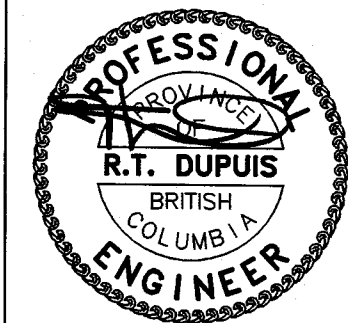


6 POLE BASE DETAIL
 NOT TO SCALE

LEGEND OF SYMBOLS			
[Symbol]	FLUORESCENT LUMINAIRE	[Symbol]	MIKE JACK
[Symbol]	FLUORESCENT LUMINAIRE ON EMERGENCY POWER	[Symbol]	COMBINATION TEL./DATA OUTLET C/W 19mm C. STUB UP NO. OF DATA/TEL JACKS AS SHOWN
[Symbol]	INCANDESCENT OR H.I.D. LUMINAIRE, WALL MOUNTED	[Symbol]	INTRUSION ALARM KEYPAD
[Symbol]	INCANDESCENT OR H.I.D. LUMINAIRE, SURFACE MOUNTED	[Symbol]	INTRUSION MOTION DETECTOR -- WALL MOUNTED
[Symbol]	INCANDESCENT OR H.I.D. LUMINAIRE, RECESS MOUNTED	[Symbol]	LINE VOLTAGE OCCUPANCY SENSOR WAITSTOPPER WS-200
[Symbol]	POLE MOUNTED LUMINAIRE	[Symbol]	CCTV CAMERA
[Symbol]	ROD SUSPENDED DOWN LIGHT	[Symbol]	FIRE ALARM BELL
[Symbol]	LIGHTING TRACK C/W HEADS AS SHOWN	[Symbol]	FIRE ALARM BELL C/W STROBE LIGHT
[Symbol]	BOLLARD LUMINAIRE	[Symbol]	FIRE ALARM PULL STATION
[Symbol]	SINGLE POLE TOGGLE SWITCH -- GANGED AS SHOWN	[Symbol]	EXIT SIGN, DIRECTIONAL ARROWS AS SHOWN
[Symbol]	THREE WAY SWITCH	[Symbol]	FIRE ALARM SMOKE DETECTOR
[Symbol]	DIMMER (600 WATTS)	[Symbol]	FIRE ALARM DUCT SMOKE DETECTOR
[Symbol]	PHOTOCELL	[Symbol]	FIRE ALARM THERMAL DETECTOR
[Symbol]	QUAD.DUPLEX RECEPTACLE, WALL MOUNTED	[Symbol]	SPRINKLER FLOW SWITCH
[Symbol]	5-20RA RECEPTACLE	[Symbol]	SPRINKLER SUPERVISORY SWITCH
[Symbol]	DUPLEX RECEPTACLE, WALL MOUNTED	[Symbol]	WALL MOUNTED, EMERGENCY HEADS C/W BATTERY PACK
[Symbol]	FRIDGE RECEPTACLE	[Symbol]	REMOTE EMERGENCY HEADS
[Symbol]	GROUND FAULT RECEPTACLE, WALL MOUNTED	[Symbol]	EMERGENCY BATTERY BANK
[Symbol]	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER	[Symbol]	HAND DRYER (SEMI RECESSED)
[Symbol]	WALL MOUNTED CLOCK OUTLET (BATTERY OPERATED)	[Symbol]	PUSHBUTTON FOR HANDICAP DOOR OPENER
[Symbol]	MECHANICAL EQUIPMENT CONNECTION	[Symbol]	STROBE LIGHT -- LIFEGUARD ALERT C/W WALL SWITCH BELOW
[Symbol]	PANEL BOARD	[Symbol]	DISCONNECT SWITCH
[Symbol]	TELEPHONE OUTLET, C/W 19mm C. STUB UP	[Symbol]	HOA STARTER
[Symbol]	PAY PHONE -- 1" C. TO COMMUNICATION ROOM	[Symbol]	THERMOSTAT
[Symbol]	CATV OUTLET C/W RG59/U FT-4 RATED CABLE TO COMMUNICATION ROOM	[Symbol]	CEILING RECESSED RADIANT HEATER
[Symbol]	SPEAKER, CEILING MOUNTED	[Symbol]	CEILING RECESSED FORCED AIR HEATER
[Symbol]	INTERCOM	[Symbol]	WP DENOTES WEATHERPROOF



RECEIVED MAY 03 2006 TASK CONST. MGMT.					
2	May 4/06	ISSUED FOR BUILDING PERMIT			
1	May 2/06	ISSUED FOR HEALTH APPROVAL			
No.	Date	Issue	Revision	Date	No.



Project: SUNSHINE COAST AQUATIC CENTRE, SECHLT, BC

Drawing: SITE PLAN, LEGEND AND DETAILS

Scale: AS SHOWN Date: MAY 1, 2006 Drawn: EK

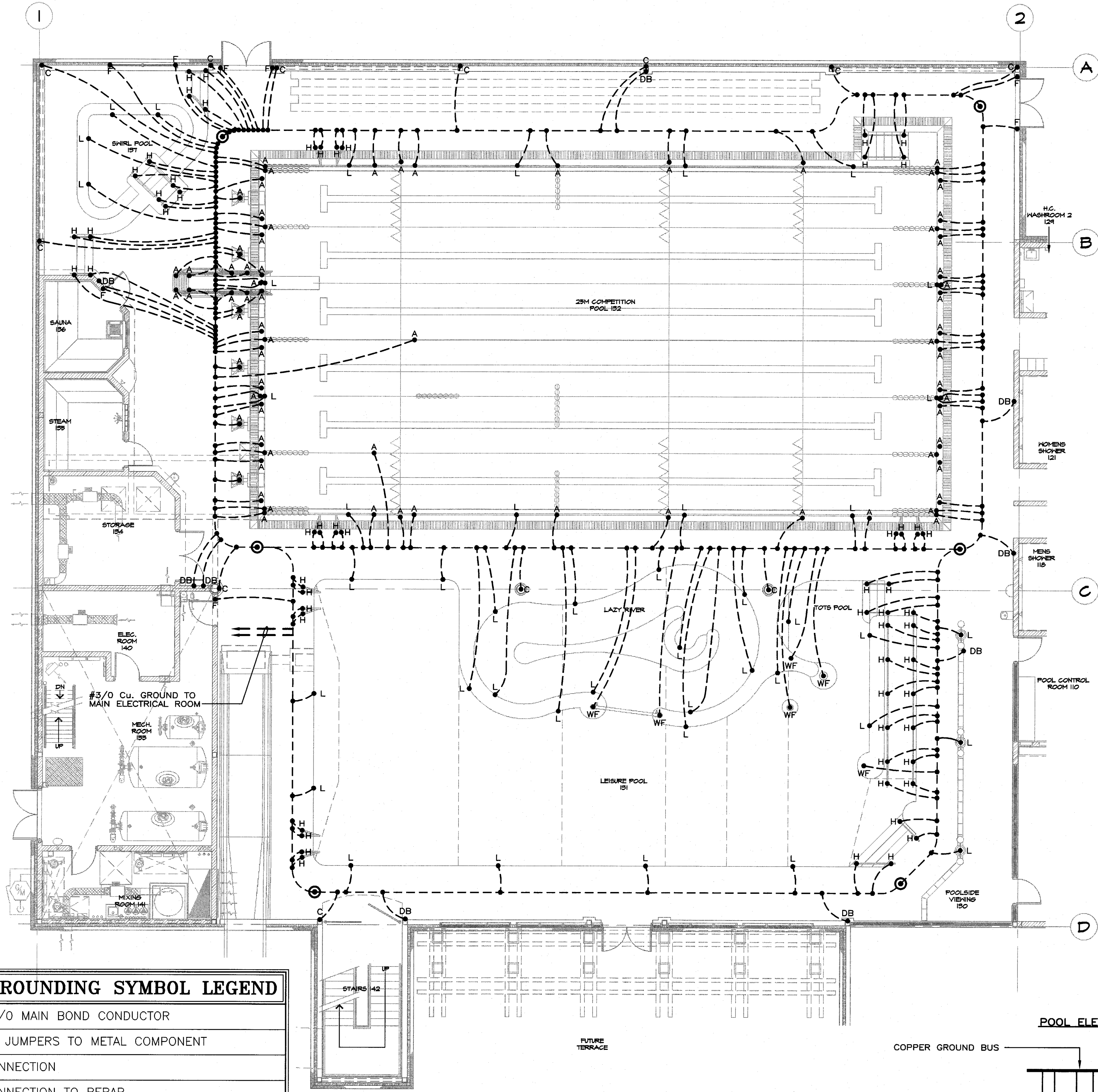
Job No. 05-202

Drwg. No. Rev.

vda
 Vic Davies Architect (2003) Ltd.
 1581 Church Avenue, Victoria, B.C.
 Canada V8P 2P2
 Tel: (250) 477-4255 Fax: (250) 477-8411
 Email: rpi@vda.ca Website: www.vicdavies.com

-AES2001- 01-MAY-06 12:56 H:\PROJECTS\05-202\DWG\E1-SITE.DWG BALEAR

Project SUNSHINE COAST AQUATIC CENTRE, SECHELT, BC	
Drawing POOL PLAN - POWER LAYOUT	
Scale: AS SHOWN	Date: MAY 1, 2006
Drawn: BK	
Job No. 05-202	
 Vic Davies Architect (2003) Ltd. 181 Church Avenue, Victoria, B.C. Canada, V8P 2K2 Tel: (250) 477-4260 Fax: (250) 477-8411 Email: info@vda.ca Website: www.vicdavies.com	
 Drwg. No.	Rev.



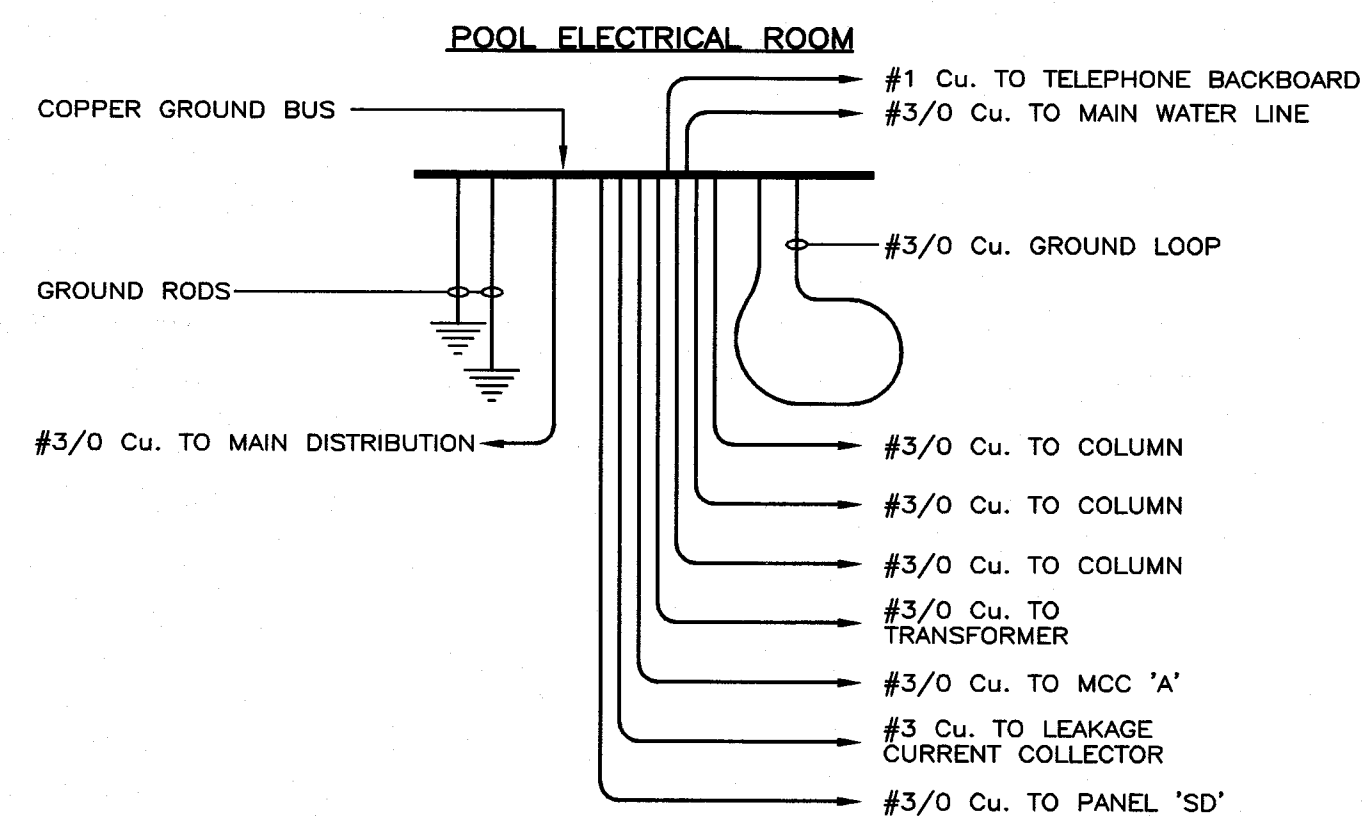
POOL GROUNDING SYMBOL LEGEND	
—G—	#3/0 MAIN BOND CONDUCTOR
—#6—	JUMPERS TO METAL COMPONENT
•	CONNECTION
⊙	CONNECTION TO REBAR

NOTE:
1. GROUNDING CONNECTION LAYOUT SHOWN FOR CLARIFICATION OF INTENT ONLY. ACTUAL QUANTITY AND LOCATIONS OF REQUIRED CONNECTIONS WILL EXCEED THAT SHOWN, IN ORDER TO ACCOMMODATE ACTUAL SITE CONSTRUCTION CONDITIONS AND INSTALLATION. ALLOW FOR THIS CONTINGENCY, AND INCLUDE FOR ALL REQUIRED WORK IN TENDER SUM, TO FACILITATE A COMPLETE GROUND SYSTEM. ALL GROUNDING TO BE AS PER THE LATEST CANADIAN ELECTRICAL CODE.
* PROVIDE HEAT SHRINK FOR CUP ANCHOR PINS.

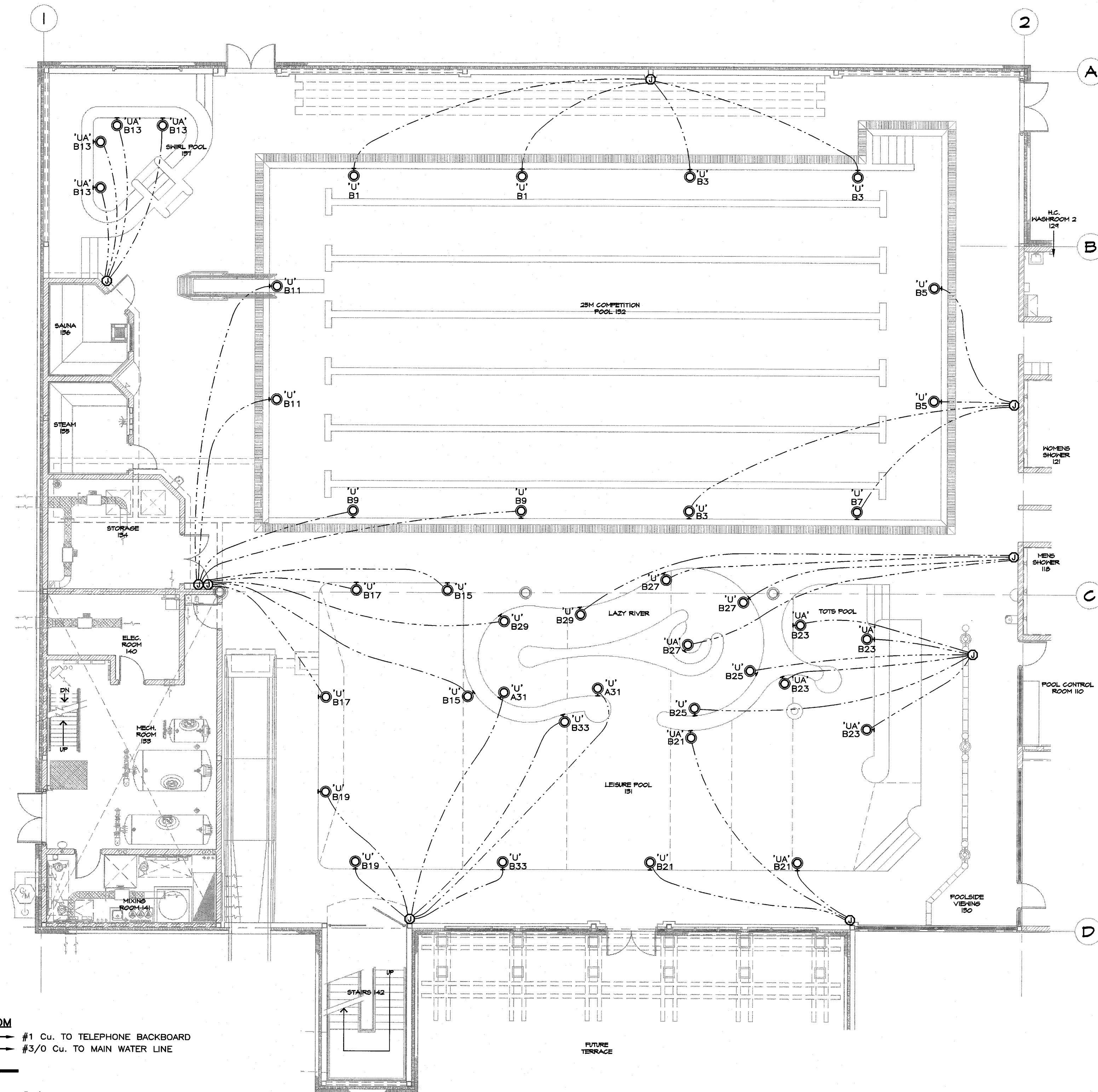
LEGEND

DB = DECK BOX
L = UNDERWATER LIGHT
F = FRAME
C = COLUMN
A = ANCHOR
H = HANDRAIL
WF = WATER FEATURE

1
E4 POOL GROUNDING LAYOUT
2000 4000 6000 1:100



2
E4 GROUNDING DETAIL
2000 4000 6000 1:100



3
E4 POOL UNDERWATER LIGHTING LAYOUT
2000 4000 6000 1:100

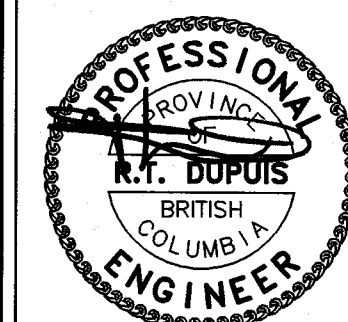
DISTRICT OF SECHLT
BUILDING PERMIT COPY
MUST BE KEPT ON SITE
PERMIT No. 4309



RECEIVED
MAY 03 2006
TASK CONST. MGMT.

2 May 4/06 ISSUED FOR BUILDING PERMIT
1 May 2/06 ISSUED FOR HEALTH APPROVAL

No. Date Issue Revision Date No.



Project
SUNSHINE COAST AQUATIC CENTRE, SECHLT, BC

Drawing
POOL GROUNDING & U/W LIGHTING

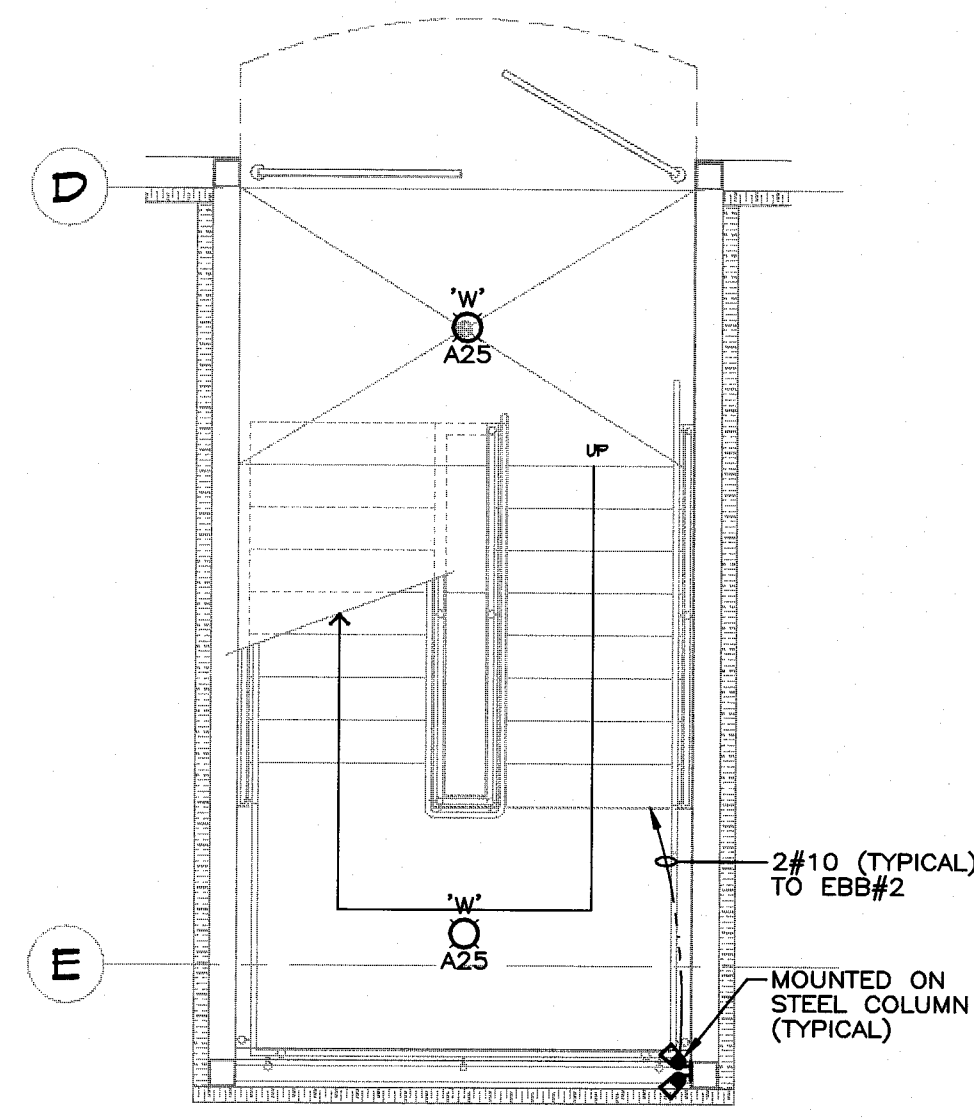
Scale: AS SHOWN Date: MAY 1, 2006 Drawn: BK

Job No. 05-202

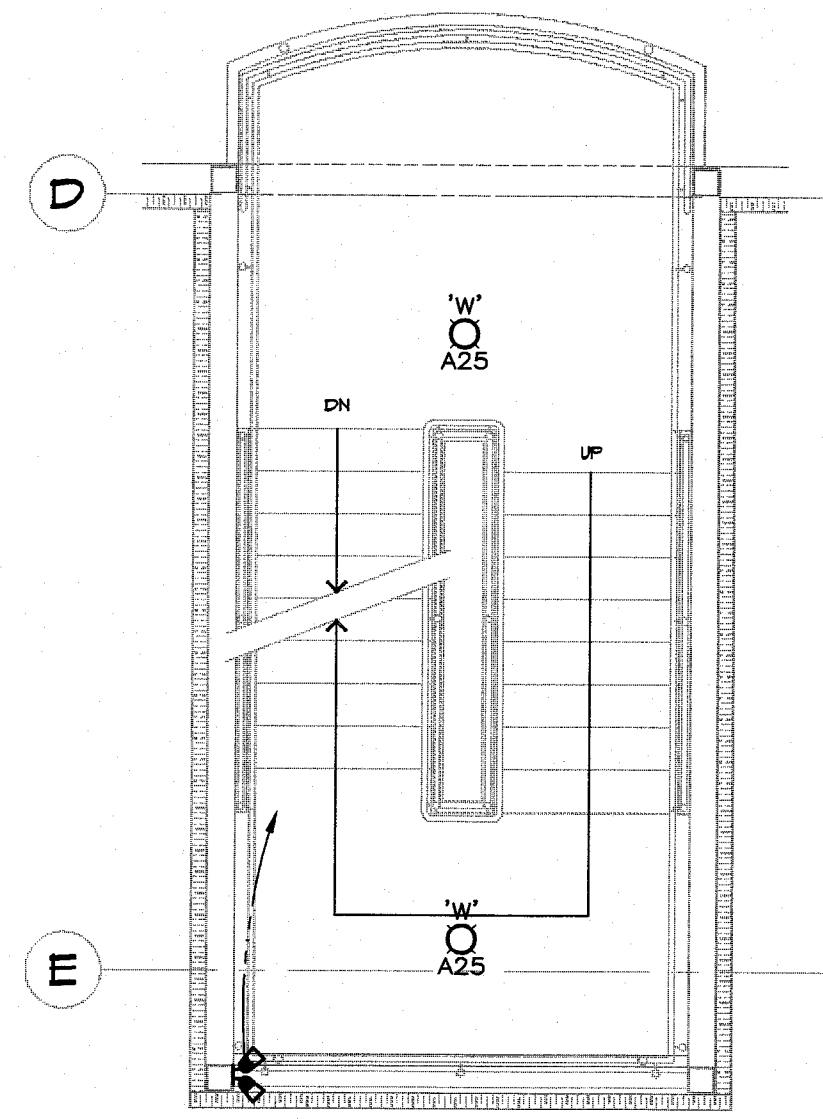
Drwg. No. E4

Rev.

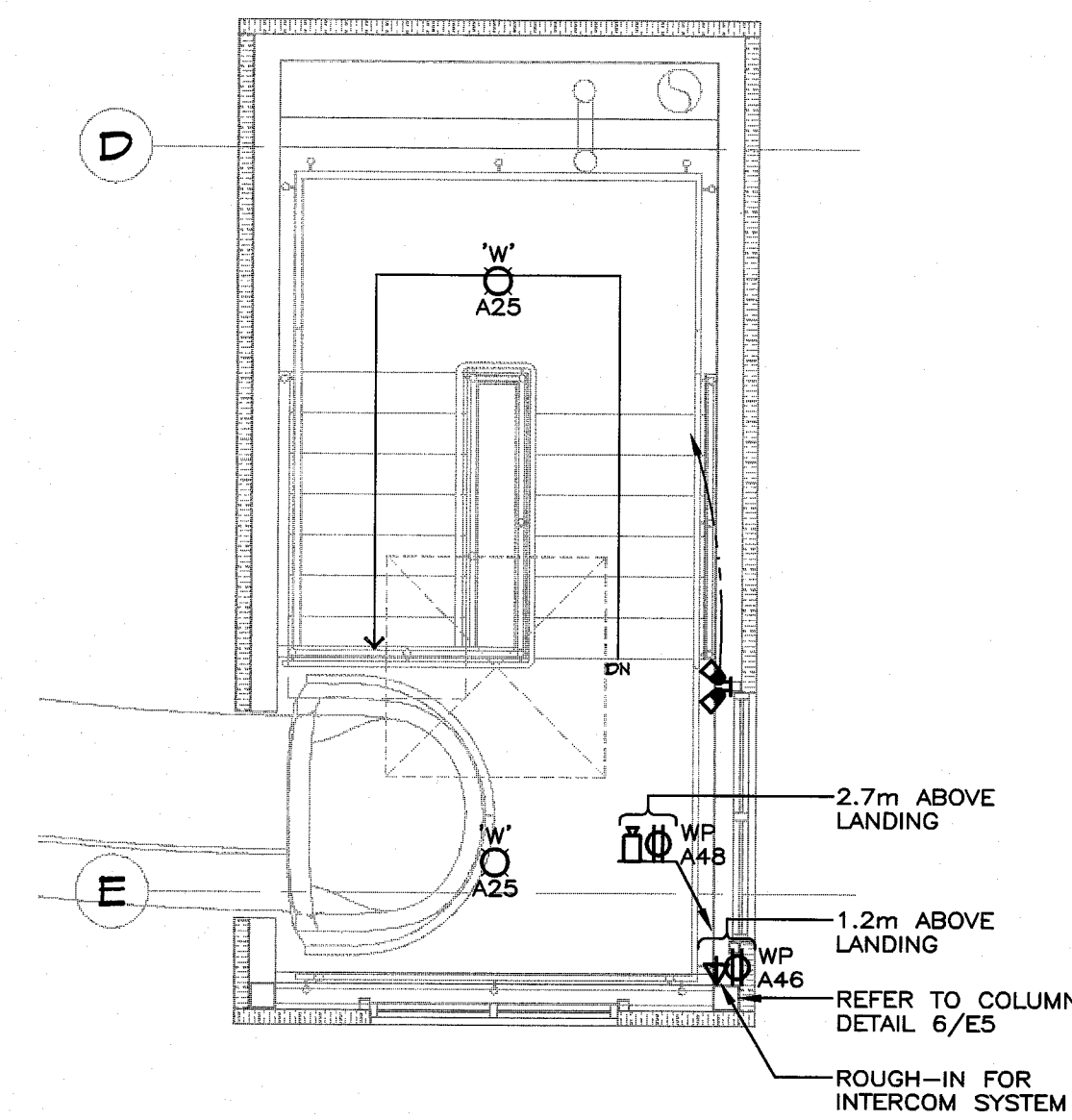
Vic Davies Architect (2003) Ltd.
1981 Church Avenue, Victoria, B.C.
Tel: (250) 477-4255 Fax: (250) 477-8411
Email: mail@vda.ca Website: www.vicdavies.com



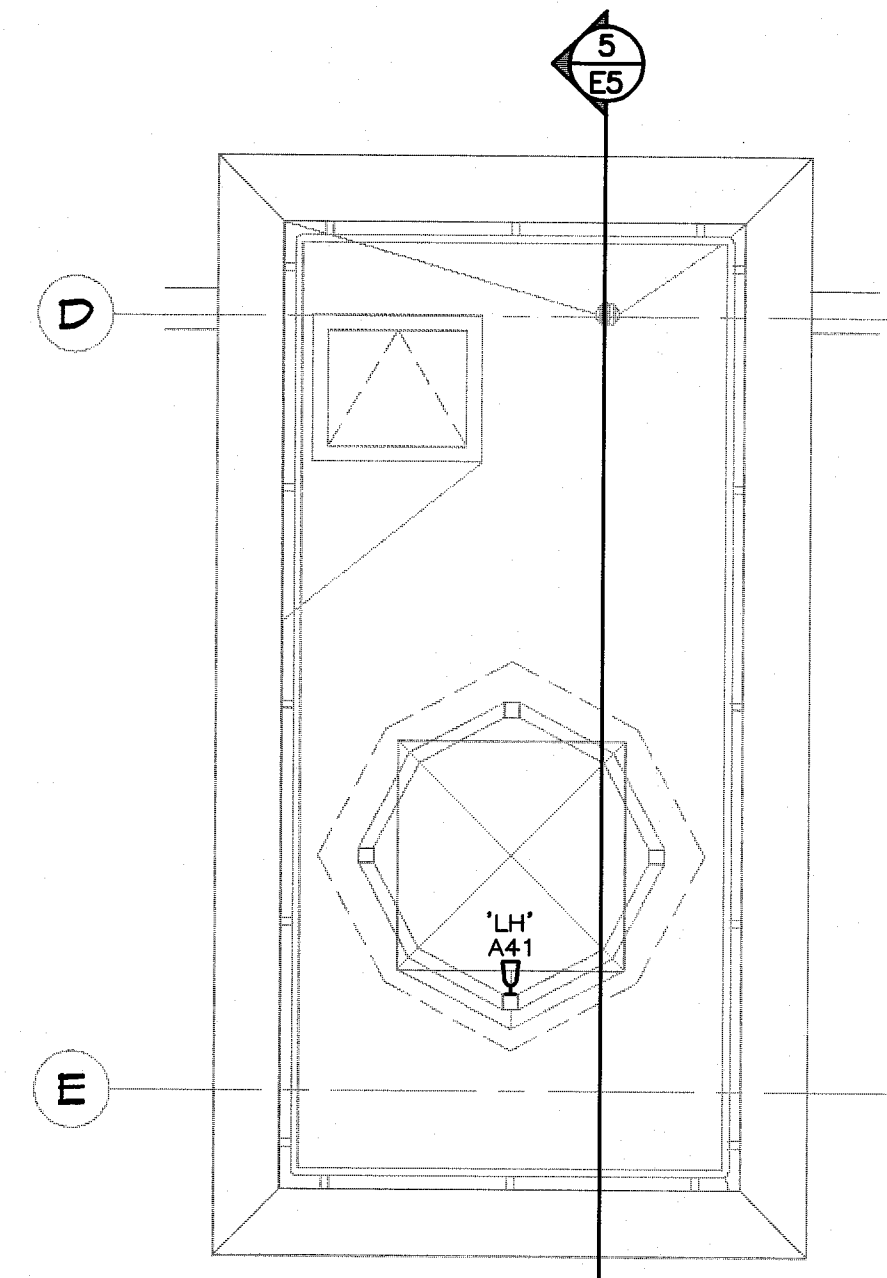
1
E5 STAIRS 142 - DECK LEVEL
AND LANDING 1 - ELECTRICAL
1:50



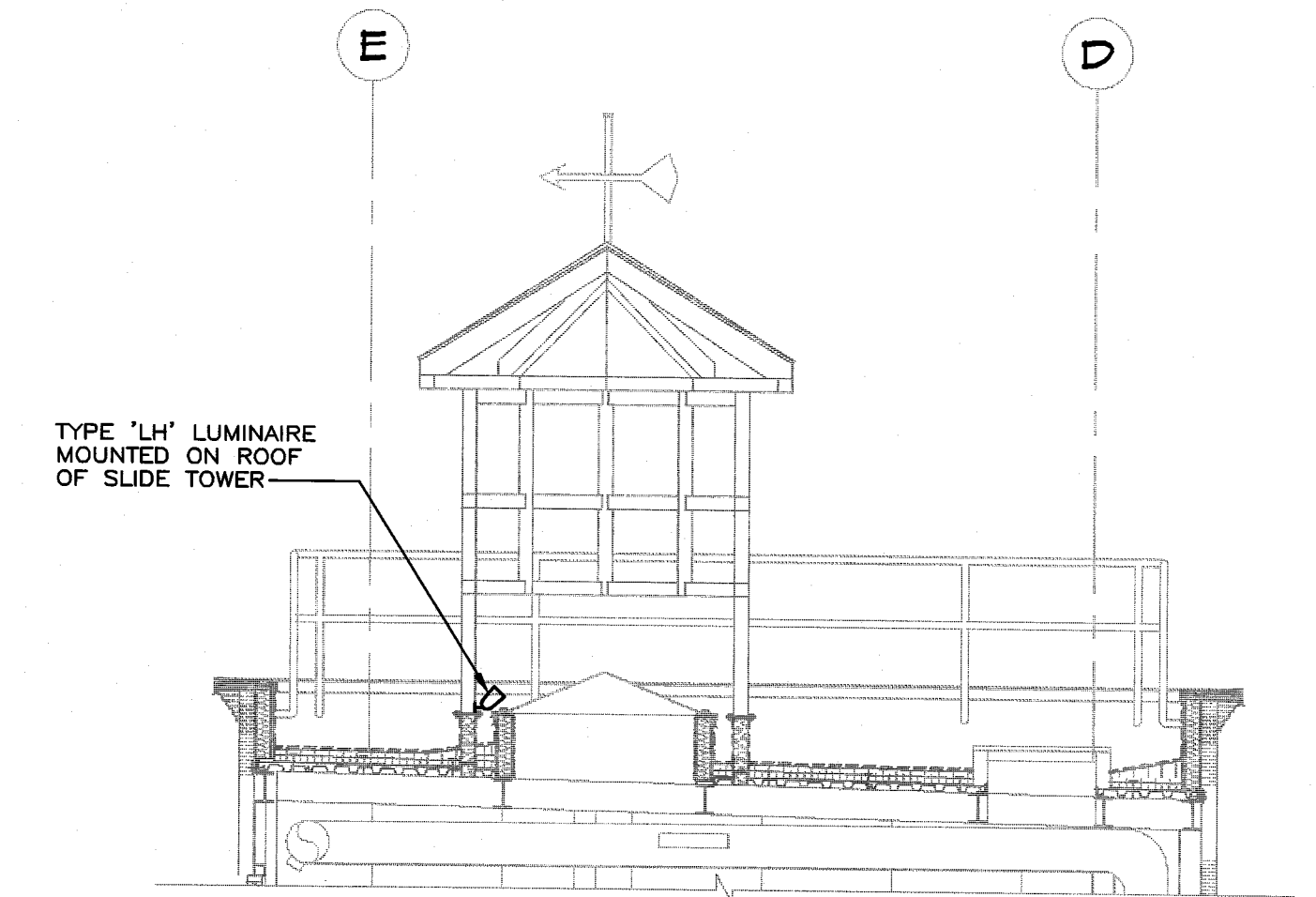
2
E5 STAIRS 142 - LANDING 2
AND LANDING 3 - ELECTRICAL
1:50



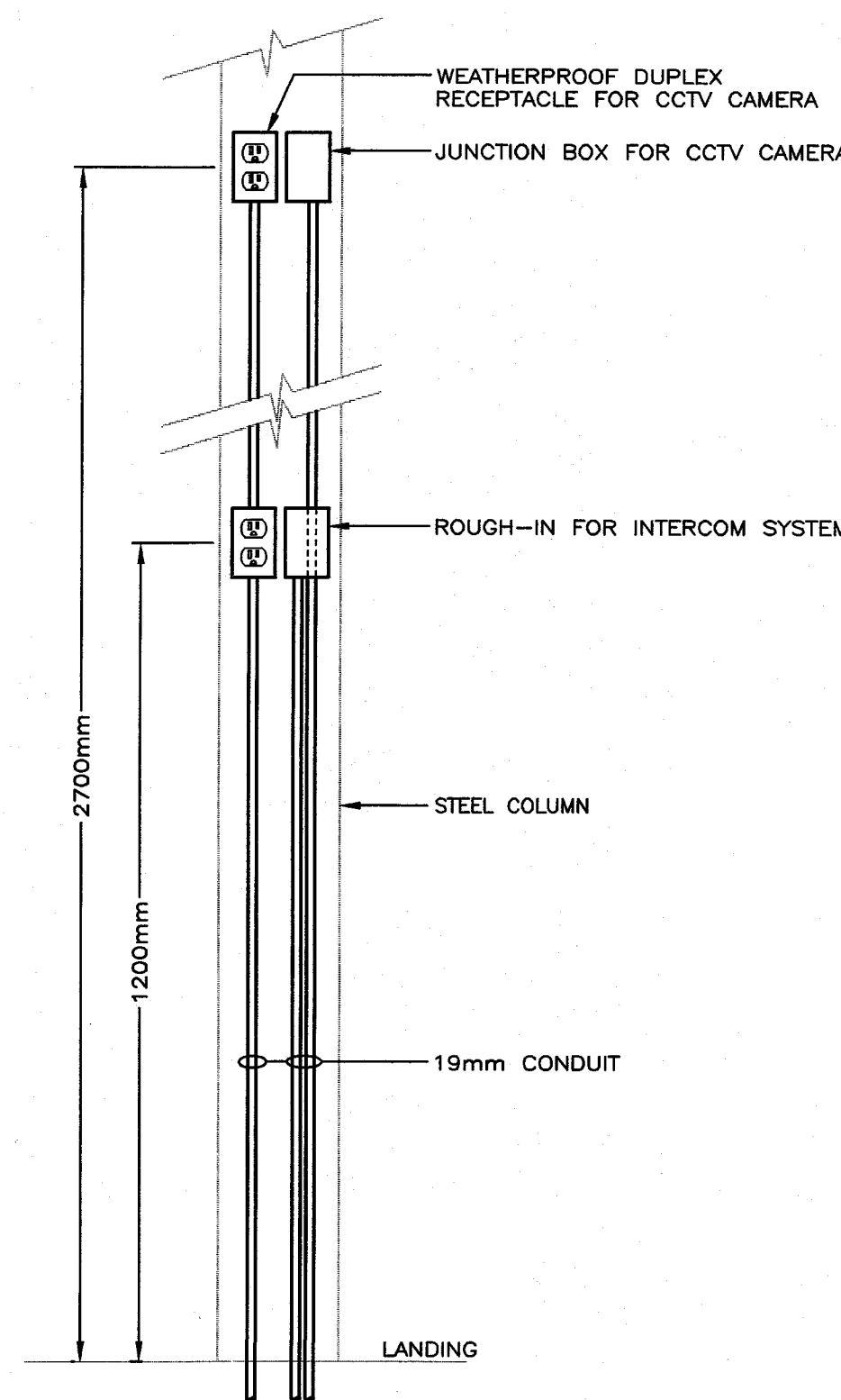
3
E5 STAIRS 142 - LANDING 4
AND SLIDE LEVEL - ELECTRICAL
1:50



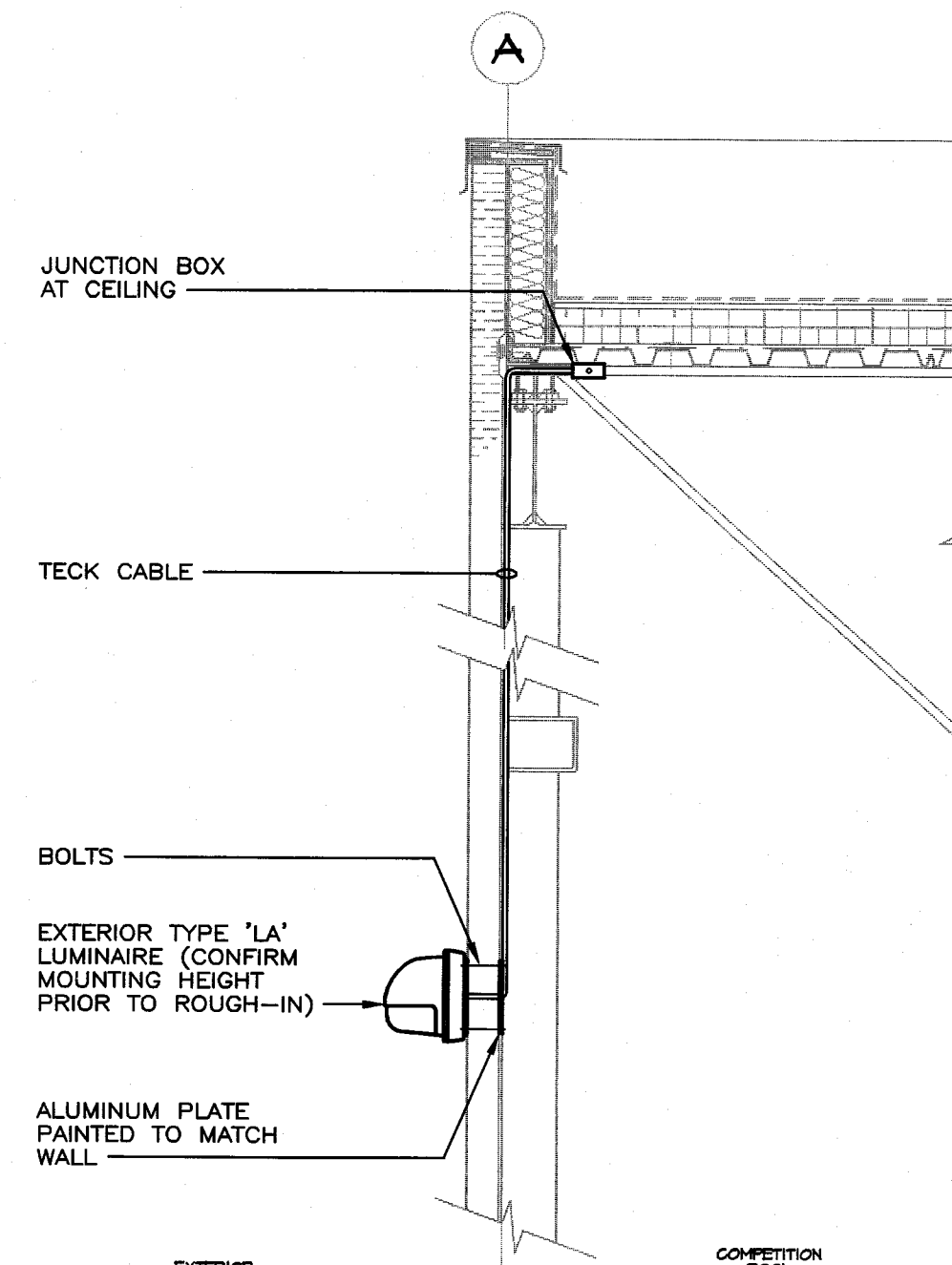
4
E5 STAIRS 142 - ROOF LEVEL - ELECTRICAL
1:50



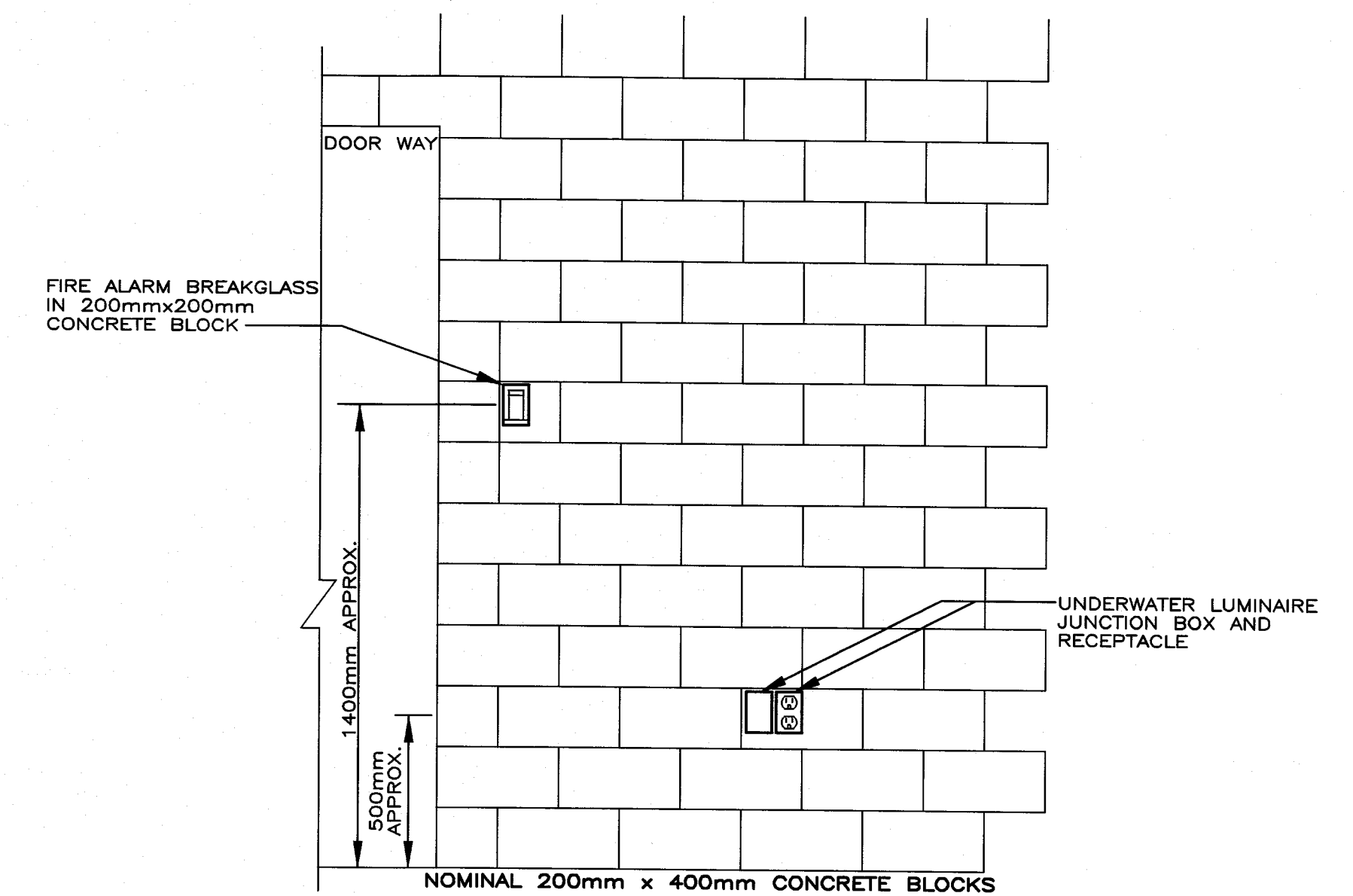
5
E5 STAIR 142 - ROOF SECTION
1:50



6
E5 STAIRS 142 - SLIDE LEVEL
STEEL COLUMN DETAIL
NOT TO SCALE



7
E5 POOL HALL EXTERIOR WALL SECTION
NOT TO SCALE

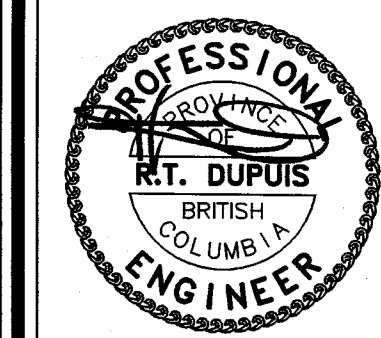


8
E5 CONCRETE BLOCK WALL MOUNTING DETAIL
NOT TO SCALE

DISTRICT OF SECHelt
BUILDING PERMIT COPY
MUST BE KEPT ON SITE
PERMIT No. 4309

AES
applied engineering
solutions Ltd.
3rd Floor, 1915 Blanshard Street • Victoria • British Columbia • V8T 5M4
Ph: (250) 381 8121 • Fax: (250) 381 8811

No.	Date	Issue	Revision	Date	No.
2	May 4/06	ISSUED FOR BUILDING PERMIT			
1	May 2/06	ISSUED FOR HEALTH APPROVAL			



Project
SUNSHINE COAST AQUATIC CENTRE, SECHelt, BC

Drawing
DETAILS, SECTIONS & ELEVATIONS

Scale: AS SHOWN Date: MAY 1, 2006 Drawn: BK

Job No. 05-202

Drwg. No. **E5** Rev.

vda
Vic Davies Architect (2003) Ltd.
1581 Church Avenue, Victoria, B.C.
Tel: (250) 477-4255 Fax: (250) 477-5411
Email: mail@vda.ca Website: www.vicdavies.com

100mmx100mm PVC JUNCTION BOX. SET FLUSH TO FINISHED WALL WITH STAINLESS STEEL SCREWS AND FITTINGS.

PLASTIC TRENCH

SWL

750mm IN LAP POOL AND 600mm IN LEISURE POOL

CONCRETE RECESS UNDERWATER LUMINAIRE TO ALLOW LENS TO BE BETWEEN 5mm AND 10mm RECESSED FROM FRONT FACE OF FINISHED POOL

MINIMUM 100mm MOUNTING HEIGHT FROM POOL FLOOR

LEAVE ENOUGH SPARE CABLE TO ALLOW LAMP TO BE BROUGHT 600mm (24") ABOVE WATER LINE

FINISHED POOL WALL

300mm MINIMUM

CORD SET-LUMINAIRE TO BE ORDERED WITH ADEQUATE LENGTH TO REACH WALL MOUNTED JUNCTION BOXES.

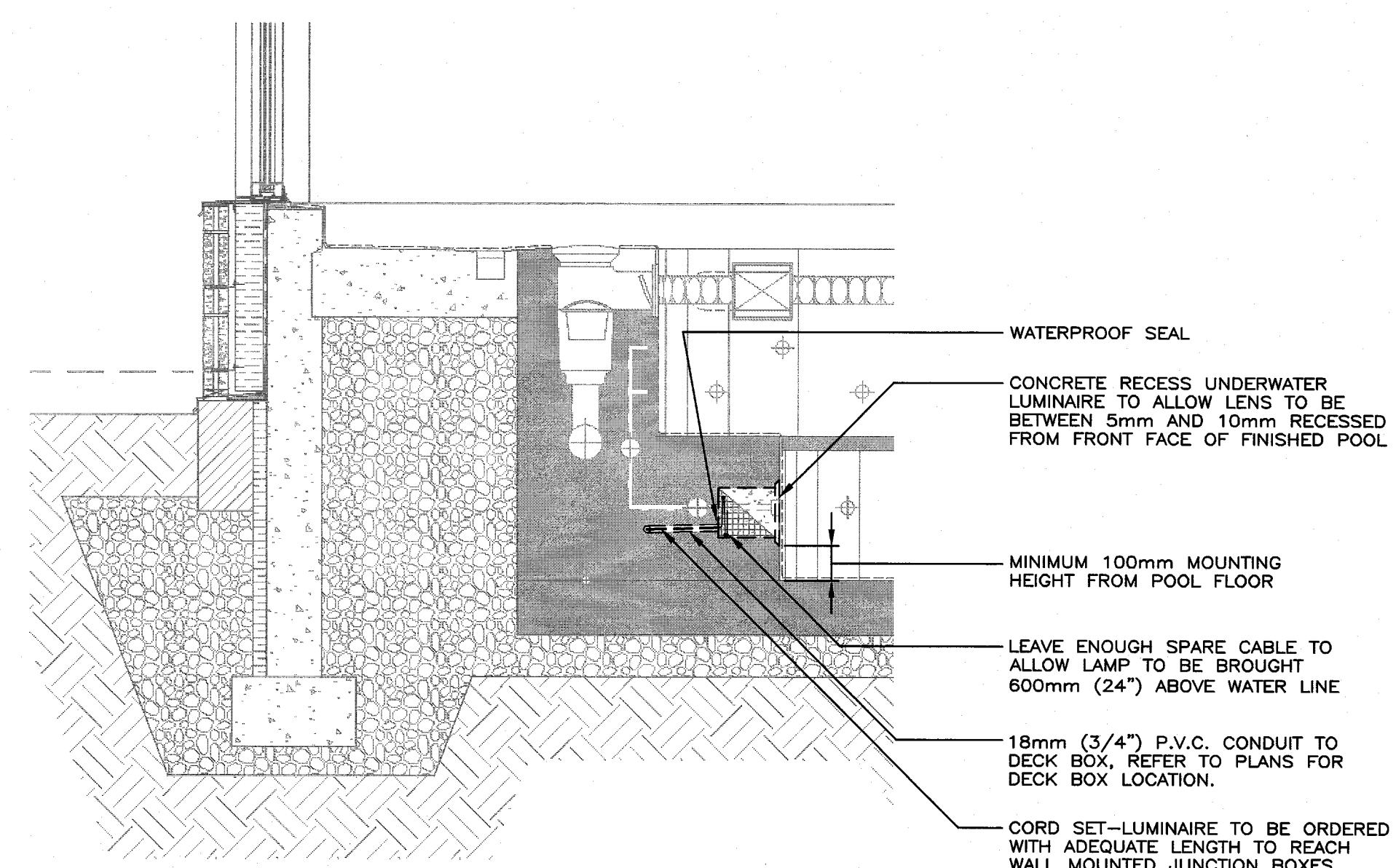
18mm (3/4") P.V.C. CONDUIT

MECHANICAL PIPING

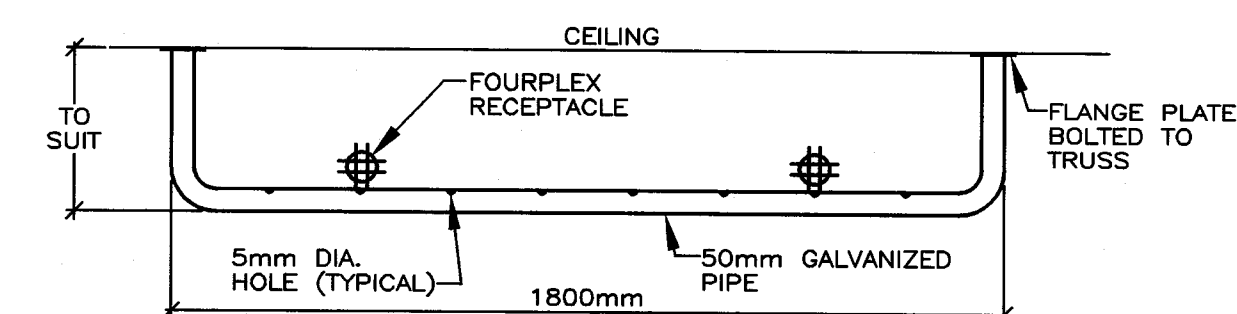
WATERPROOF SEAL

CONCRETE ENCASED

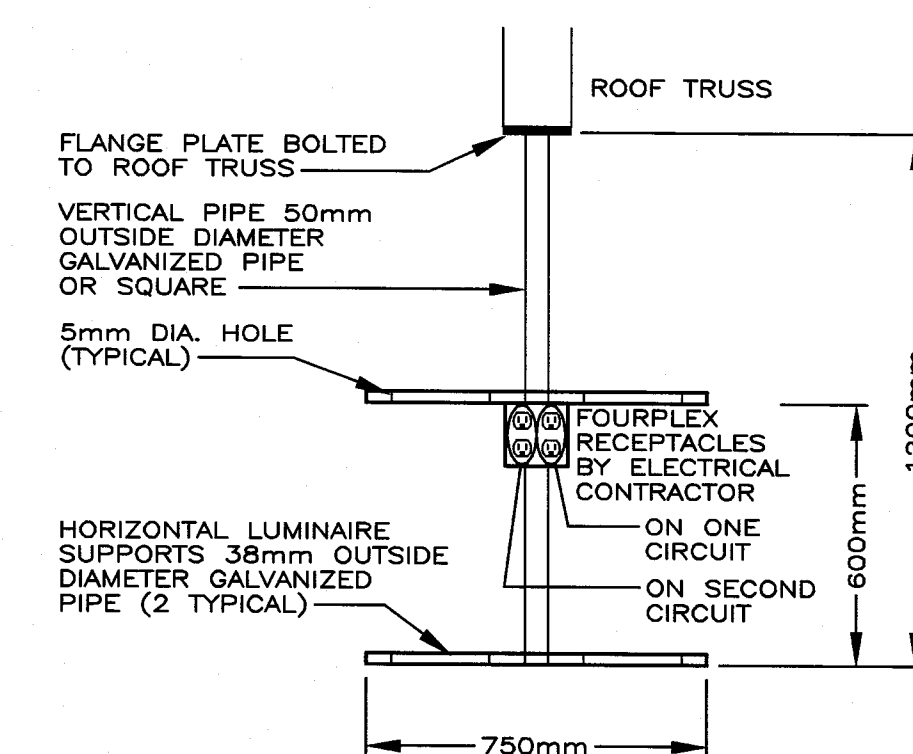
1 LAP/LEISURE POOL UNDERWATER LUMINAIRE
E6



2 SWIRL POOL UNDERWATER LUMINAIRE
E6



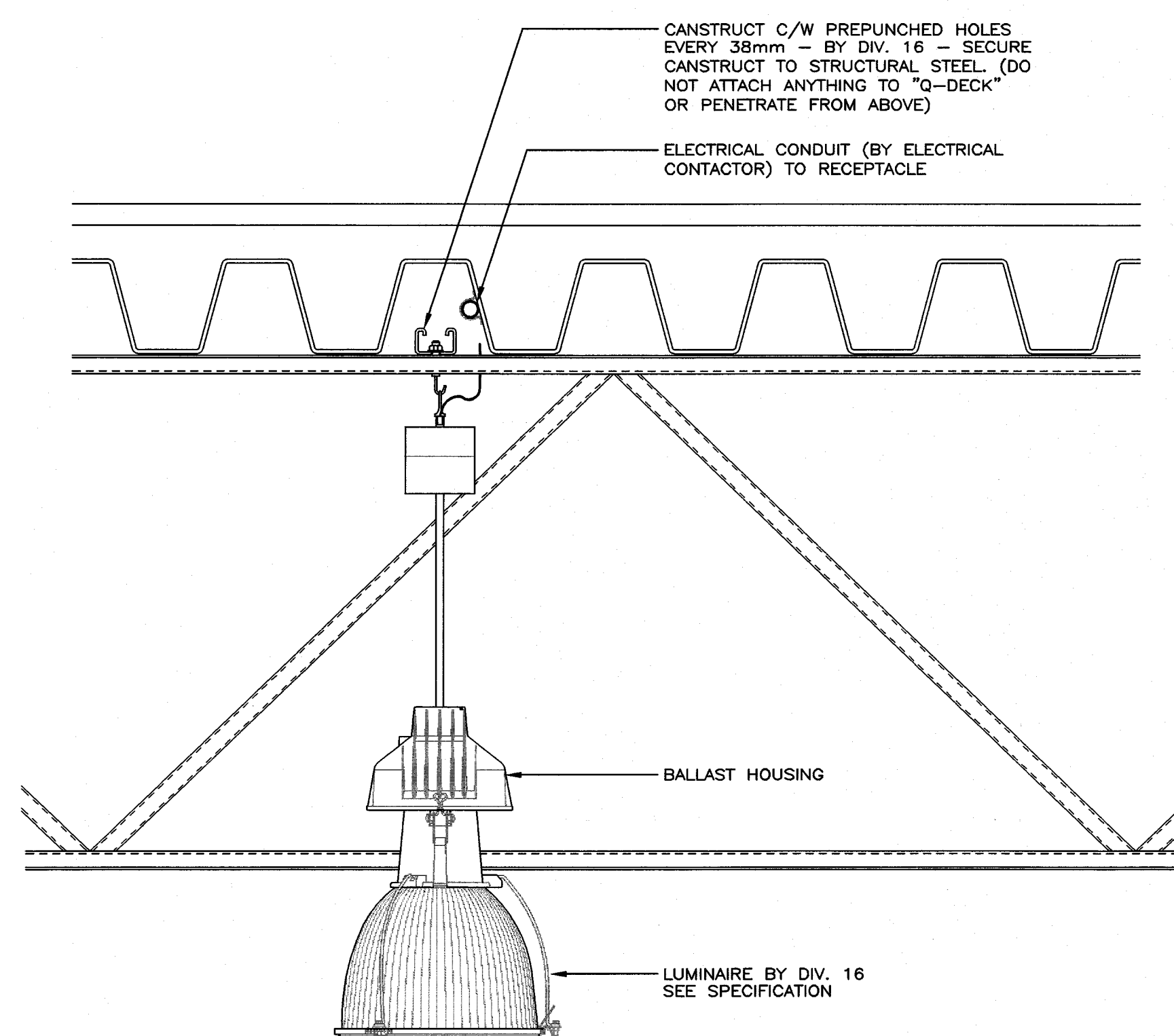
TYPE 'TA'



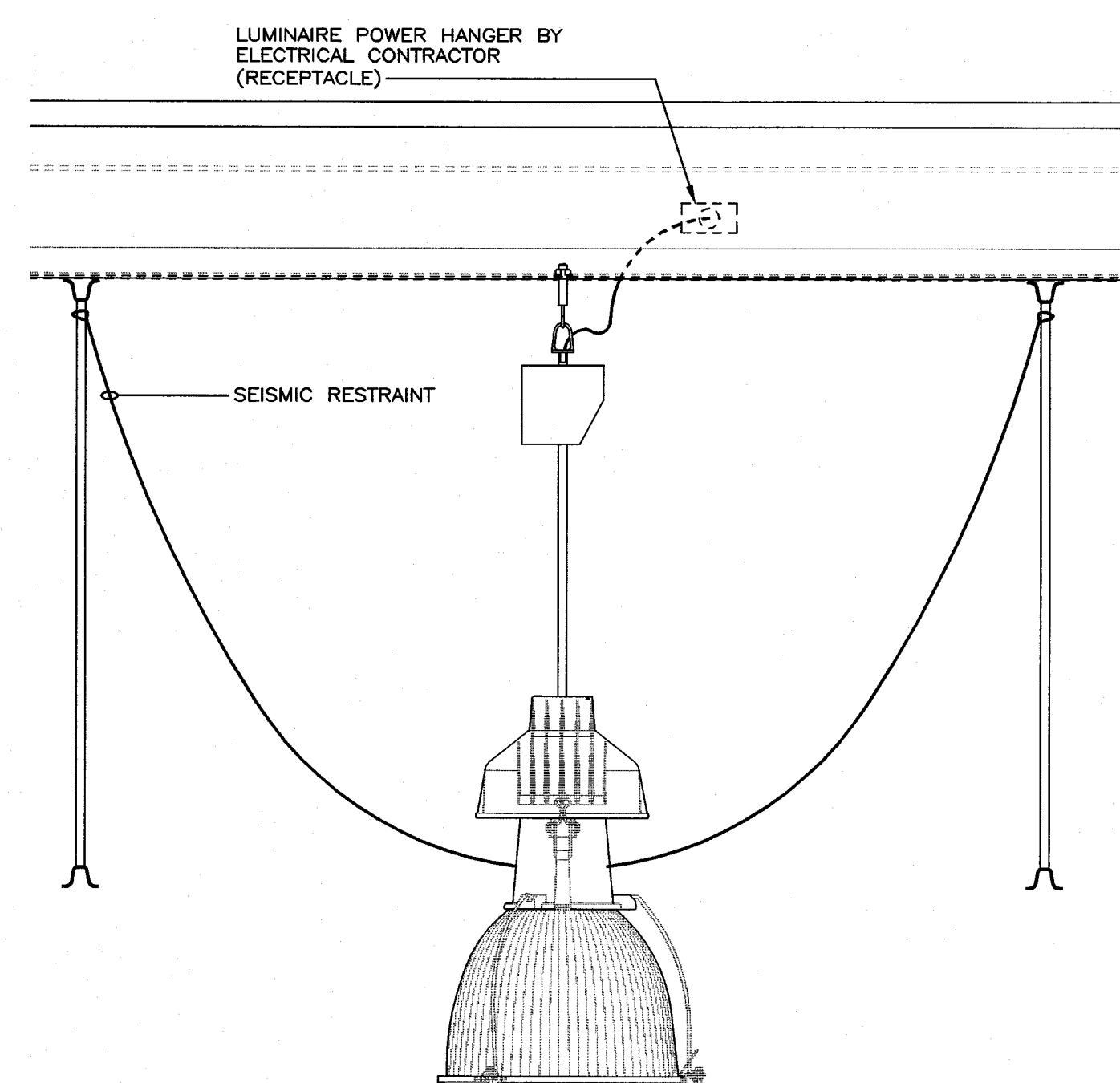
NOTE: FINISH TO MATCH STRUCTURAL STEEL

TYPE 'T'

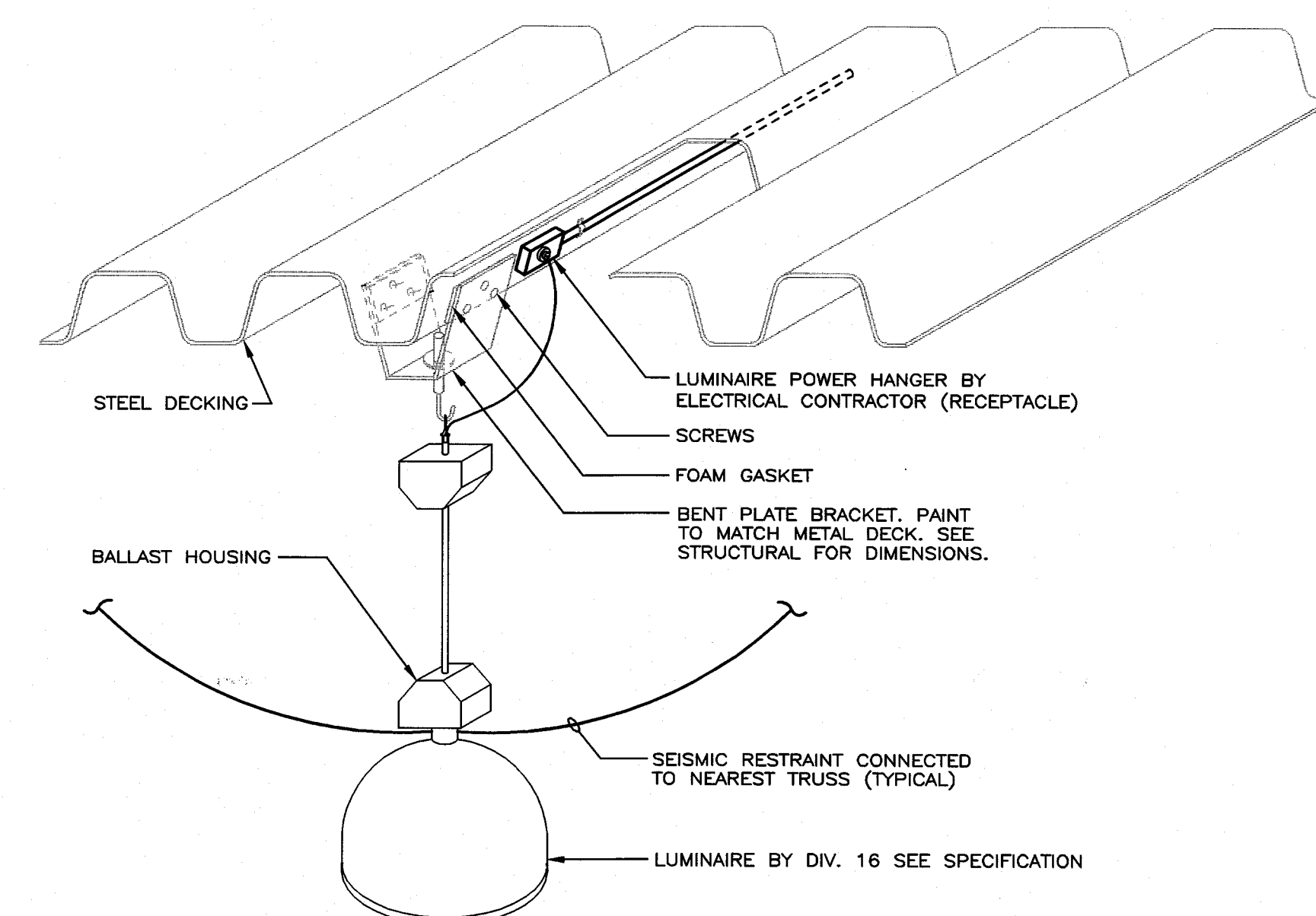
3 LIGHTING TREE DETAIL
E6



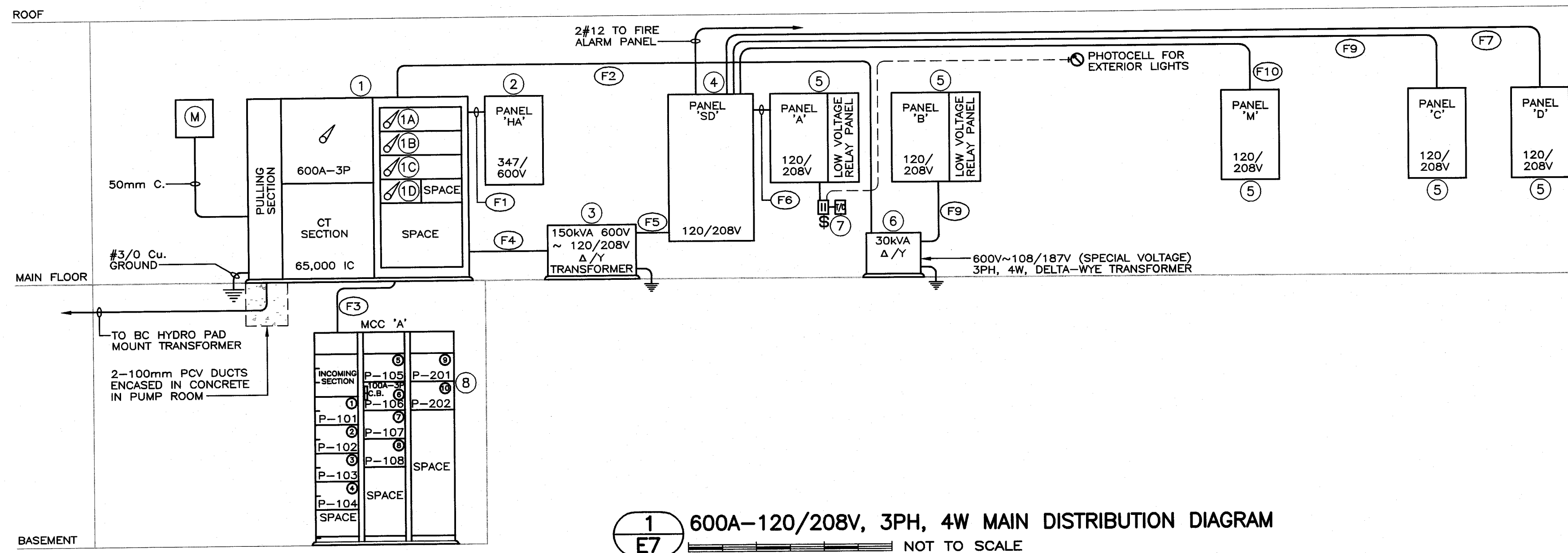
4 POOL CEILING SUSPENDED LUMINAIRE DETAIL
E6 NOT TO SCALE



5 POOL CEILING SUSPENDED LUMINAIRE DETAIL
F6 NOT TO SCALE



DISTRICT OF SECHelt
BUILDING PERMIT COPY
MUST BE KEPT ON SITE
PERMIT No. 4309



FEEDER SCHEDULE

- (F1) 4#250MCM R90 Cu. - 75mm C.
- (F2) 3#8 R90 Cu. - 32mm C.
- (F3) 3#350MCM R90 Cu. - 100mm C.
- (F4) 3#3/0 R90 Cu. - 50mm C.
- (F5) 8#250MCM R90 Cu. - 2x75mm C.
- (F6) 4#3/0 R90 Cu. - 50mm C.
- (F7) 4#1 R90 Cu. - 50mm C.
- (F8) 4#3/0 R90 Cu. - 50mm C.
- (F9) 4#1 R90 Cu. - 50mm C.
- (F10) 4#3 R90 Cu. - 32mm C.

NOTES:

1. ALL BREAKERS TO BE SERIES RATED
2. PROVIDE SPRINKLER DRIP SHIELDS FOR ALL SURFACE MOUNTED PANELS.

EQUIPMENT SCHEDULE

- (1) 600A-347/600V, 3PH, 4W MAIN SWITCHBOARD COMPLETE WITH 600A SWITCH WITH 3-600 HRC FUSES AND FOLLOWING SUB-SWITCHES.
 - (1A) 400A FUSED SWITCH COMPLETE WITH 3-250A HRC FUSES, FOR MCC 'A'
 - (1B) 400A FUSED SWITCH COMPLETE WITH 3-250A HRC FUSES, FOR PANEL 'HA'
 - (1C) 200A FUSED SWITCH COMPLETE WITH 3-200A HRC FUSES, FOR 150KVA TRANSFORMER
 - (1D) 60A FUSED SWITCH COMPLETE WITH 3-40A HRC FUSES FOR 30KVA TRANSFORMER
- (2) 347/600V, 3PH, 4W PANELBOARD - SEE SCHEDULE
- (3) 150KVA, 600V-120/208V, 3PH, 4W DELTA-WYE DRY TYPE TRANSFORMER
- (4) 600A, 120/208V, 3PH, 4W PANEL 'SD' - SEE SCHEDULE
- (5) 120/208V, 3PH, 4W PANELBOARD - SEE SCHEDULE
- (6) 30KVA 600V-108/187V, 3PH, 4W DELTA-WYE DRY TYPE TRANSFORMER
- (7) LOW VOLTAGE RELAY/TIME CLOCK (PARAGON EC 71ST) WITH OVERSIDE SWITCH FOR EXTERIOR LIGHTNING
- (8) 400A, 600V, 3PH, 3W MCC 'A'

MECHANICAL EQUIPMENT SCHEDULE

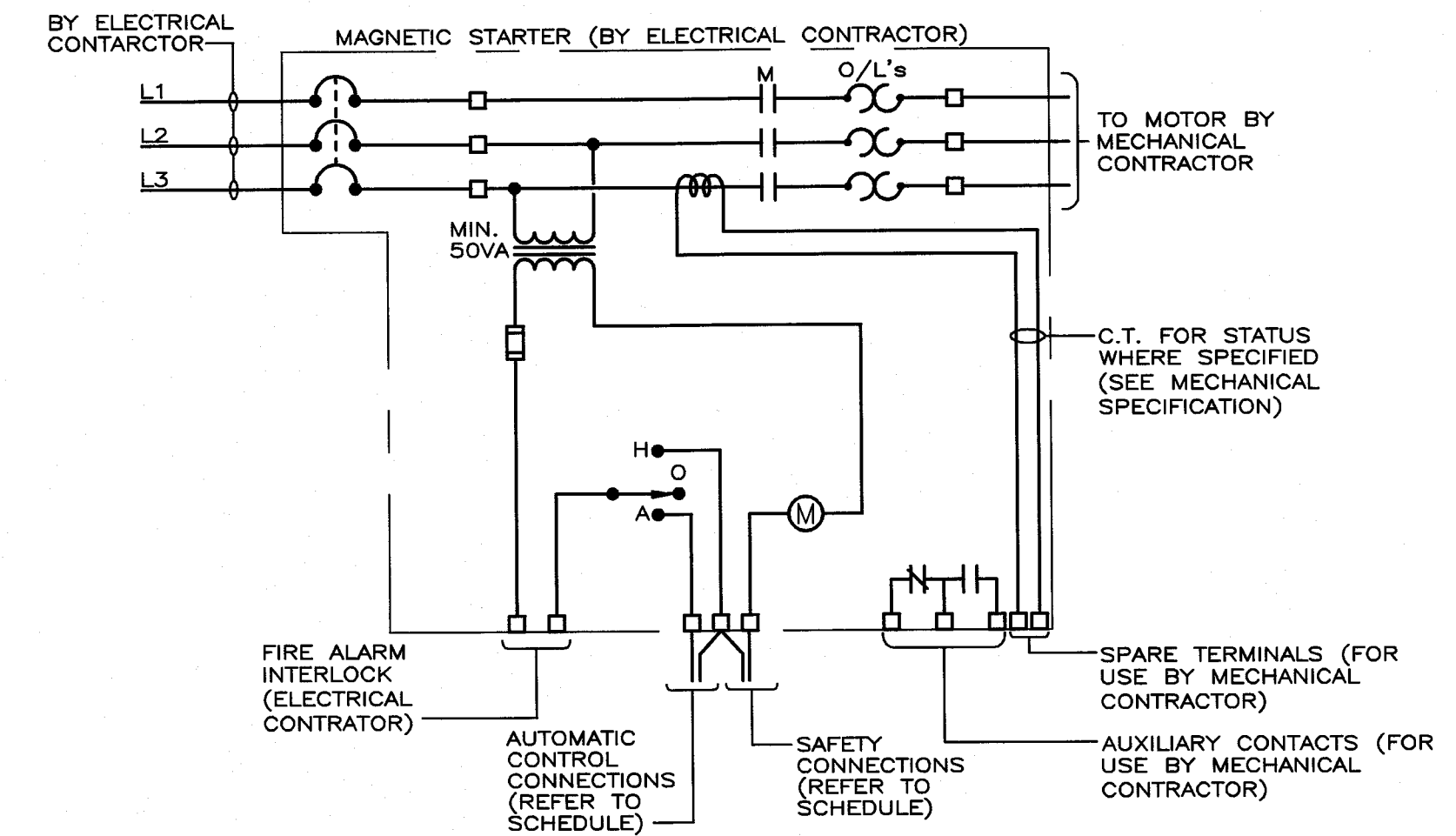
DESCRIPTION	EQUIPMENT LOCATION	LOAD			VOLTS	PHASE	UNIT			STARTER			DISC.			CONTROL					SUPPLY PANEL				WIRE & CONDUIT				NOTE
		KW	HP	AMP			SUPPLY	MOUNT	CONNECT	SUPPLY	MOUNT	CONNECT	TYPE	SUPPLY	MOUNT	CONNECT	SUPPLY	MOUNT	CONNECT	FIRE ALARM	PANEL #	PANEL LOCATION	BREAKER		WIRE SIZE	NO.	CONDUIT SIZE (mm)	TOTAL AMPS	
																							P	CCT NO'S					
AHU-1 AIR HANDLING UNIT SF-1, SUPPLY FAN RF-1, RETURN FAN	MEZZANINE MECH. ROOM	20.0 10.0		600	3	M	M	E	M	M	M	INTG	E	E	E	M	M	M	DDC	HA	ELECTRICAL ROOM	70	3	1,3,5	6	3	25	1	
AHU-2 AIR HANDLING UNIT SF-2, SUPPLY FAN RF-2, RETURN FAN	ROOF TOP	3 3		600	3	M	M	E	M	M	M	INTG	E	E	E	M	M	M	DDC	HA	ELECTRICAL ROOM	20	3	7,9,11	10	3	19		
AHU-3 AIR HANDLING UNIT	ROOF TOP	20.3	600	3	M	M	E	M	M	M	M	INTG	E	E	E	M	M	M	DDC	HA	ELECTRICAL ROOM	30	3	13,15,17	8	3	25		
AHU-4 AIR HANDLING UNIT	ROOF TOP	27.7	600	3	M	M	E	M	M	M	M	INTG	E	E	E	M	M	M	DDC	HA	ELECTRICAL ROOM	40	3	19,21,23	6	3	25		
EF-1 EXHAUST FAN - LOBBY W/R	ROOFTOP	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	C	STAFF ROOM	15	1	83	12	3	19		
EF-2 EXHAUST FAN - POOL STORAGE ROOM	POOL STORAGE ROOM	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	T/C	DDC	M	MECHANICAL ROOM	15	1	8	12	2	19		
EF-3 EXHAUST FAN - CHEMICAL STORAGE ROOM	MEZZANINE MECH. ROOM	1/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	STAT	M	MECHANICAL ROOM	15	1	10	12	2	19		
EF-4 EXHAUST FAN - MECHANICAL ROOM	MEZZANINE MECH. ROOM	1/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	STAT	M	MECHANICAL ROOM	15	1	14	12	2	19		
EF-5 EXHAUST FAN - ELECTRICAL ROOM	ELECTRICAL ROOM	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	C	STAFF ROOM	15	1	84	12	2	19		
EF-6 EXHAUST FAN - JANITOR ROOM	JANITOR RM 138	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC										
P-001 LAP POOL FILTER PUMP	BASEMENT MECH. ROOM	20.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	MCC A	PUMP ROOM	50	3	1	8	3	25		
P-002 LEISURE POOL FILTER PUMP	BASEMENT MECH. ROOM	15.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	MCC A	PUMP ROOM	40	3	2	10	3	19		
P-003 SWIRL POOL FILTER PUMP	BASEMENT MECH. ROOM	7.5	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	MCC A	PUMP ROOM	20	3	3	10	3	19		
P-004 SWIRL POOL HYDRO-AIR PUMP	BASEMENT MECH. ROOM	10.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	40	3	4	10	3	19		
P-005 WATER FEATURE PUMP	BASEMENT MECH. ROOM	10.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	40	3	5	10	3	19		
P-006 WATER FEATURE PUMP - (VORTEX)	BASEMENT MECH. ROOM	10.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	20	3	6	12	3	19		
P-007 WATER FEATURE PUMP - (LAZY RIVER)	BASEMENT MECH. ROOM	20.0	600	3	M	M	E	E	E	E	E	VSD	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	50	3	7	8	3	25		
P-008 WATER FEATURE PUMP - (LAZY RIVER)	BASEMENT MECH. ROOM	20.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	50	3	8	8	3	25		
P-009 RING COMPRESSOR - TOTS/VORTEX	MAIN FLOOR MECH. ROOM	4.5	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	15	3	10	12	3	19		
P-010 RING COMPRESSOR - LAZY RIVER	MAIN FLOOR MECH. ROOM	2.5	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	15	3	11	12	3	19		
P-011 PH PUMP - 25m POOL	MAIN FLOOR MECH. ROOM	FR	120	1	M	M	E	M	M	E	INT	E	E	E	M	M	E	CC	M	MECHANICAL ROOM	15	1	16	12	2	19			
P-012 PH PUMP - LEISURE POOL	MAIN FLOOR MECH. ROOM	FR	120	1	M	M	E	M	M	E	INT	E	E	E	M	M	E	CC	M	MECHANICAL ROOM	15	1	18	12	2	19			
P-013 PH PUMP - SWIRL POOL	MAIN FLOOR MECH. ROOM	FR	120	1	M	M	E	M	M	E	INT	E	E	E	M	M	E	CC	M	MECHANICAL ROOM	15	1	20	12	2	19			
P-014 CHLORINE BOOSTER - 25m POOL SALT	MAIN FLOOR MECH. ROOM	3/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	E	CC	M	MECHANICAL ROOM	30	1	22	12	2	19		
P-015 CHLORINE BOOSTER - LEISURE POOL SALT	MAIN FLOOR MECH. ROOM	3/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	E	CC	M	MECHANICAL ROOM	30	1	24	12	2	19		
P-016 CHLORINE BOOSTER - SWIRL POOL	MAIN FLOOR MECH. ROOM	1/2	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	E	CC	M	MECHANICAL ROOM	20	1	26	12	2	19		
P-017 WATER SLIDE	BASEMENT MECH. ROOM	40.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	LGP	MCC A	PUMP ROOM	100	3	9	6	3	25	2	
P-018 DE-CHLORINATION PUMP	BASEMENT MECH. ROOM	1/2	120	1	M	M	E	E	E	E	E	MAN	E	E	E	E	E	E	SWITCH	M	MECHANICAL ROOM	20	1	56	12	2	19		
P-101 HEATING WATER CIRCULATION PUMP	MEZZANINE MECH. ROOM	2.0	600	3	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	HA	ELECTRICAL ROOM	15	3	2,4,6	12	3	19		
P-102 AHU-1 HEATING COIL PUMP	MEZZANINE MECH. ROOM	3/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	30	1	28	12	2	19		
P-103 DHW CIRCULATION PUMP	MEZZANINE MECH. ROOM	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	15	1	30	12	2	19		
P-104 DHW RECIRCULATION PUMP	MEZZANINE MECH. ROOM	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	15	1	32	12	2	19		
P-105 TEMP. WATER RECIRCULATION PUMP	CEILING	FR	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	C	STAFF ROOM	15	1	86	12	2	19		
P-106 BOILER CIRCULATION PUMP (B-1)	MEZZANINE MECH. ROOM	3/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	30	1	44	12	2	19		
P-107 BOILER CIRCULATION PUMP (B-2)	MEZZANINE MECH. ROOM	3/4	120	1	M	M	E	E	E	E	E	HOA	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	30	1	46	12	2	19		
P-108 DUPLEX STORM PUMP	BASEMENT MECH. ROOM	1/2	120	1	M	M	E	M	M	E	CONTROL PANEL	E	E	E	E	M	M	M	CP	M	MECHANICAL ROOM	30	1	48	12	2	19		
P-109 DUPLEX STORM PUMP	BASEMENT MECH. ROOM	1/2	120	1	M	M	E	M	M	E	CONTROL PANEL	E	E	E	E	M	M	M	CP	M	MECHANICAL ROOM	20	1	50	12	2	19		
P-110 SIMPLEX SANITARY SUMP PUMP	BASEMENT MECH. ROOM	1/2	120	1	M	M	E	M	M	E	CONTROL PANEL	E	E	E	E	M	M	M	CP	M	MECHANICAL ROOM	20	1	52	12	2	19		
P-111 HC-1 CIRCULATION PUMP	MAIN FLOOR MECH. ROOM	1/6	120	1	M	M	E	E	E	E	DDC	E	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	15	1	54	12	2	19		
SG-1 STEAM GENERATOR	BASEMENT MECH. ROOM	23	600	3	M	M	E	-	-	E	INT	E	E	E	E	M	M	E		HA	ELECTRICAL ROOM	30	3	8,10,12	10	3	25		
B-1 HEATING WATER BOILER	MEZZANINE MECH. ROOM		120	1	M	M	E																						
B-2 HEATING WATER BOILER	MEZZANINE MECH. ROOM		120	1	M	M	E																						
UH-1 UNIT HEATER	MEZZANINE MECH. ROOM	FR	120	1	M	M	E	E	E	E	HOA	E	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	15	1	36	12	2	19		
UH-2 UNIT HEATER	MAIN FLOOR MECH. ROOM	FR	120	1	M	M	E	E	E	E	HOA	E	E	E	E	M	M	M	DDC	M	MECHANICAL ROOM	15	1	38	12	2	19		
RHC-1 REHEAT COIL - OFFICE 108	MAIN FLOOR CEILING	1.0	120	1	M	M	E	M	M	E	INT	E	E	E	E	M	M	M	DDC	C	STAFF ROOM	15	1	82	12	2	19		
RHC-2 REHEAT COIL - COMMUNITY ROOM	MAIN FLOOR CEILING	6.0	600	3	M	M	E	M	M	E	INT	E	E	E	E	M	M	M	DDC	HA	ELECTRICAL ROOM	15	3	14,16,18	12	3	19		

NOTES:

1. PROVIDE AND INSTALL DUCT SMOKE DETECTOR IN SUPPLY DUCT WIRE TO FIRE ALARM PANEL FOR FAN SHUT-DOWN.
2. PROVIDE AND INSTALL TIME DELAY RELAY, WIRE RELAY SUCH THAT PUMP NOT RE-START UNTIL WATERSLIDE PIPE DRAIN OUT COMPLETELY.

LEGEND:

- E = ELECTRICAL
- M = MECHANICAL
- HOA = MAGNETIC STARTER WITH HAND-OFF-AUTO SELECTOR SWITCH
- DDC = DIRECT DIGITAL CONTROL (BUILDING AUTOMATION SYSTEM)
- T/C = TIME CLOCK
- R'STAT = REVERSE ACTING THERMOSTAT
- LGP = LIFEGUARD PANEL
- CC = CHEMICAL CONTROL LEVEL
- CP = CONTROL PANEL



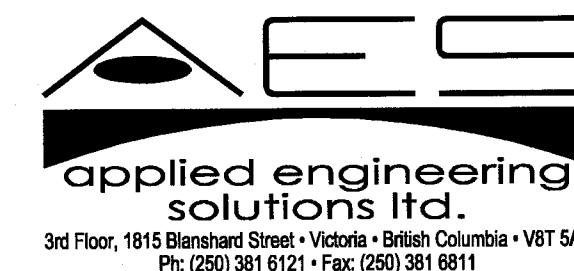
2
E7 TYPICAL MAGNETIC STARTER WIRING DIAGRAM NOT TO SCALE

FIRE ALARM ZONE SCHEDULE

ZONE	AREA	DEVICES
1	POOL	MANUALS
2	PUMP ROOM MECH. MEZZ.	MANUALS, HEATS
3	ADMIN. FITNESS UNIT	MANUALS, AND SMOKES
4	AIR HANDLING UNIT	DUCT SMOKE
5	AIR HANDLING UNIT	DUCT SMOKE
6	AIR HANDLING UNIT	DUCT SMOKE
7	MAIN FLOOR	SPRINKLER FLOW SWITCH
TS-1	MAIN FLOOR	SPRINKLER TAMPER SWITCHES

DISTRICT OF SECHLT
BUILDING PERMIT COPY
MUST BE KEPT ON SITE

Permit No. 4309

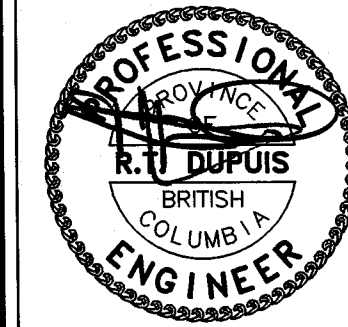


RECEIVED

MAY 03 2006

TASK CONST. MGMT.

2 May 4/06 ISSUED FOR BUILDING PERMIT
1 May 2/06 ISSUED FOR HEALTH APPROVAL



Copyright Reserved. This drawing remains the exclusive property of the Contractor and may not be re-used or reproduced without their written consent.

Project
SUNSHINE COAST AQUATIC CENTRE, SECHLT, BC

Drawing
DISTRIBUTION AND SCHEDULES

Scale: AS SHOWN Date: MAY 1, 2006 Drawn: EK

Job No. 05-202

Drwg. No. E7

Vic Davies Architect (2003) Ltd.
1501 Church Avenue, Victoria, B.C.
Canada V8P 2H2
Tel: (250) 477-4255 Fax: (250) 477-4411
Email: mail@vda.ca Website: www.vicdavies.com